

FEDERAL ITEM IDENTIFICATION GUIDE

TAPS, DIES, AND CHASERS; HAND AND MACHINE

This Reprint replaces FIIG A136, dated February 2, 2007.



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This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

- Index of Approved Item Names Covered by this FIIG
- Applicability Key Index
- Section I - Item Characteristics Data Requirements
- Section III - New text that should be here.
- Appendix A - Reply Tables
- Appendix B - Reference Drawing Groups (as applicable)
- Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign (\$) for an OR condition, or a double dollar sign (\$\$) for an AND condition, (5) the mode code, (6) the response or reply code

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(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

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This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

| <u>MRC</u> | <u>Mode</u> | <u>Requirement</u> | <u>Example</u> |
|------------|-------------|---|------------------------|
| | <u>Code</u> | | |
| CLQL | G | COLLOQUIAL NAME (common usage name by which an item is known) | CLQLGWOVEN WIRE CLOTH* |

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

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INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

| <u>Approved Item Name</u> | <u>INC</u> | <u>App Key</u> |
|-------------------------------------|------------|--|
| CHASER, THREAD, HAND | 13384 | A |
| | | A hand tool for dressing damaged screw threads by a scraping or cutting action. See also FILE, THREAD RESTORER and RESTORER, THREAD. Excludes DIE, RETHREADING and CHASERS, THREAD CUTTING. |
| CHASERS, THREAD CUTTING | 05258 | B |
| | | An item utilized in a group of three or more, designed to be clamped in a die head, diestock, external thread or in a threading machine for cutting threads. |
| DIE AND COLLET | 03271 | F |
| | | An assembly consisting of a COLLET, THREADING DIE and two rectangular thread cutting dies. It is designed to be held in a DIESTOCK, die holder or die head. Excludes DIE, THREAD CUTTING and DIE, RETHREADING. |
| DIE AND DIE HOLDER, THREAD CLEANING | 61536 | G |
| | | An item consisting of a DIE, THREAD CLEANING and a die holder. It is designed to be hand held and is used exclusively for cleaning foreign material from external threads. |
| DIE HEAD AND DIE, HAND | 13386 | J |
| | | A device designed to be mounted in a hand operated diestock for cutting external threads. It includes the die head and die(s) but does not include the diestock. See also THREAD CUTTER, DIE HEAD, HAND. |
| DIE HEAD, THREADING, SELF-OPENING | 07525 | H |
| | | A mechanical device designed for positioning and holding CHASERS, THREAD CUTTING in power operated machines during external threading operations. It may be stationary or rotating, have a hollow or solid shank and be equipped with an adjustable trip or stop to regulate the length of the thread. May contain CHASERS, THREAD CUTTING. |
| DIE, RETHREADING | 13385 | C |
| | | A tool used exclusively for recutting or dressing over bruised, battered, crossed or rusty threads on bolts, axles and the like. It may be either a solid nut type, hinged clamp type or finger type. In use, the solid nut type is used with a wrench, the hinged clamp type is hand held, the finger type is used with a fixed cross pin through same or may have a shank with a square drive for use with a wrench. Excludes CHASER, THREAD, HAND; DIE AND COLLET; DIE, THREAD CUTTING; and RESTORER, THREAD. |

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| <u>Approved Item Name</u> | <u>INC</u> | <u>App Key</u> |
|---------------------------|------------|----------------|
| DIE, THREAD CLEANING | 61537 | D |

An item which conforms in appearance and design to a DIE, THREAD CUTTING, but is fabricated from material unsuitable for thread cutting. It is designed to be held in a die holder and is used exclusively for cleaning foreign material from external threads.

| | | |
|---------------------|-------|---|
| DIE, THREAD CUTTING | 03975 | E |
|---------------------|-------|---|

A die of one or two or more piece construction designed to be held in a DIESTOCK, die holder, die head or collet, for cutting external threads. The one-piece type may be partially split for adjustment. Excludes DIE AND COLLET; DIE, RETREADING; and CHASER, THREAD, HAND.

| | | |
|------------------|-------|---|
| RESTORER, THREAD | 17031 | K |
|------------------|-------|---|

A hand tool for straightening damaged external screw threads, by a rolling action. See also CHASER, THREAD, HAND and FILE, THREAD RESTORER. Excludes DIE, RETREADING.

| | | |
|----------------------------------|-------|---|
| TAP AND DRILL, COMBINATION, HAND | 05461 | N |
|----------------------------------|-------|---|

A twist drill and internal threading tool designed to drill the hole and tap the threads in one operation. The drive end has an external drive. See DRILL, TWIST and TAP, THREAD CUTTING.

| | | |
|----------------------|-------|---|
| TAP, THREAD CLEANING | 61540 | L |
|----------------------|-------|---|

An item which conforms in appearance and design to a TAP, THREAD CUTTING, but is fabricated from material unsuitable for thread cutting. It is used exclusively for cleaning foreign material from internal threads.

| | | |
|---------------------|-------|---|
| TAP, THREAD CUTTING | 15218 | M |
|---------------------|-------|---|

An internal threading tool with longitudinally separated cutting edges designed to form specific threads.

| | | |
|-------------------------------|-------|---|
| THREAD CUTTER, DIE HEAD, HAND | 19112 | P |
|-------------------------------|-------|---|

A device for hand use only, designed for cutting external threads. It includes the die head, die(s) and diestock with one or more handles. See also DIE HEAD AND DIE, HAND.

| | | |
|---|-------|---|
| THREAD CUTTER, RECEDED SEGMENTAL DIE | 18994 | Q |
|---|-------|---|

An item consisting of one or more (sets) segmental dies and a holder, with or without handle(s). With handle removed, geared items may be attached to a power drive. The holder is designed to cause the die to recede as the item is operated to cut a tapered thread. Excludes items with die heads.

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| | <u>A</u> | <u>B</u> | <u>C</u> | <u>D</u> | <u>E</u> | <u>F</u> | <u>G</u> | <u>H</u> | <u>J</u> | <u>K</u> |
|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| NAME | X | X | X | X | X | X | X | X | X | X |
| STYL | X | X | X | X | X | X | X | X | X | X |
| AASA | AR |
| AAZK | AR |
| ABHP | AR |
| ABKV | AR |
| ABNM | AR |
| AAZK | AR |
| ABHP | AR |
| ABKV | AR |
| ABMK | AR |
| ABNM | AR |
| ABKV | AR |
| AATR | AR |
| AAZE | AR |
| ABHP | AR |
| AGXJ | AR |
| ABHP | AR |
| AASA | AR |
| AAZE | AR |
| AAZK | AR |
| ABHP | AR |
| ANNL | AR |
| AASA | AR |
| AAZE | AR |
| AAZK | AR |
| ABHP | AR |
| ACVS | AR |
| ALAM | AR |
| ANNL | AR |
| ABHP | AR |
| ABHP | AR |
| ANNQ | X | X | X | X | X | X | X | X | X | X |
| THDS | AR | X | X | X | X | X | AR | X | | |
| AAJE | AR | | |
| CQQR | AR | | |
| AAJF | AR | | |
| ALDT | | X | | | | | AR | | | |
| ANMS | | | | | | | AR | | | |
| ANMY | | | | | | | | X | | |
| ANCT | | | | | | | | | X | |
| ANNK | | | | | | | | | X | |
| CBBL | AR |
| FEAT | AR |
| TEST | AR |
| SPCL | AR |
| ZZZK | AR |
| ZZZT | AR |

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| | | | | | | | | | | | |
|------|----|----|----|----|----|----|----|----|----|----|----|
| ZZZW | AR |
| ZZZX | AR |
| ZZZY | AR |
| CRTL | AR |
| PRPY | AR |
| ELRN | AR |
| ELCD | AR |
| AFJK | AR |
| AFJJ | AR |
| AJCN | AR |
| ALFK | AR |
| AAJP | AR |
| ABFF | AR |
| PRMT | AR |
| PMWT | AR |
| PMLC | AR |
| SUPP | AR |
| AGAV | AR |
| CXCY | AR |

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| | <u>L</u> | <u>M</u> | <u>N</u> | <u>P</u> | <u>Q</u> |
|------|----------|----------|----------|----------|----------|
| NAME | X | X | X | X | X |
| STYL | X | X | X | X | X |
| AASA | AR | AR | AR | AR | AR |
| AAZK | AR | AR | AR | AR | AR |
| ABHP | AR | AR | AR | AR | AR |
| ABKV | AR | AR | AR | AR | AR |
| ABNM | AR | AR | AR | AR | AR |
| AAZK | AR | AR | AR | AR | AR |
| ABHP | AR | AR | AR | AR | AR |
| ABKV | AR | AR | AR | AR | AR |
| ABMK | AR | AR | AR | AR | AR |
| ABNM | AR | AR | AR | AR | AR |
| ABKV | AR | AR | AR | AR | AR |
| AATR | AR | AR | AR | AR | AR |
| AAZE | AR | AR | AR | AR | AR |
| ABHP | AR | AR | AR | AR | AR |
| AGXJ | AR | AR | AR | AR | AR |
| ABHP | AR | AR | AR | AR | AR |
| AASA | AR | AR | AR | AR | AR |
| AAZE | AR | AR | AR | AR | AR |
| AAZK | AR | AR | AR | AR | AR |
| ABHP | AR | AR | AR | AR | AR |
| ANNL | AR | AR | AR | AR | AR |
| AASA | AR | AR | AR | AR | AR |
| AAZE | AR | AR | AR | AR | AR |
| AAZK | AR | AR | AR | AR | AR |
| ABHP | AR | AR | AR | AR | AR |
| ACVS | AR | AR | AR | AR | AR |
| ALAM | AR | AR | AR | AR | AR |
| ANNL | AR | AR | AR | AR | AR |
| ABHP | AR | AR | AR | AR | AR |
| ABHP | AR | AR | AR | AR | AR |
| ANNQ | X | X | X | X | X |
| THDS | X | X | X | X | X |
| AAJE | AR | AR | AR | AR | AR |
| CQQR | AR | AR | AR | AR | AR |
| AAJF | AR | AR | AR | AR | AR |
| ANMJ | | X | | | |
| ANMM | | X | | | |
| ANMP | | X | | | |
| AJCC | | | AR | AR | |
| ALBY | | | | X | |
| ALAR | AR | AR | X | | |
| ANMW | | | | X | |
| ANMY | | | | X | |
| CBBL | AR | AR | AR | AR | AR |
| FEAT | AR | AR | AR | AR | AR |
| TEST | AR | AR | AR | AR | AR |
| SPCL | AR | AR | AR | AR | AR |
| ZZZK | AR | AR | AR | AR | AR |
| ZZZT | AR | AR | AR | AR | AR |
| ZZZW | AR | AR | AR | AR | AR |
| ZZZX | AR | AR | AR | AR | AR |

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| | | | | | |
|------|----|----|----|----|----|
| ZZZY | AR | AR | AR | AR | AR |
| CRTL | AR | AR | AR | AR | AR |
| PRPY | AR | AR | AR | AR | AR |
| ELRN | AR | AR | AR | AR | AR |
| ELCD | AR | AR | AR | AR | AR |
| AFJK | AR | AR | AR | AR | AR |
| AFJJ | AR | AR | AR | AR | AR |
| AJCN | AR | AR | AR | AR | AR |
| ALFK | AR | AR | AR | AR | AR |
| AAJP | AR | AR | AR | AR | AR |
| ABFF | AR | AR | AR | AR | AR |
| PRMT | AR | AR | AR | AR | AR |
| PMWT | AR | AR | AR | AR | AR |
| PMLC | AR | AR | AR | AR | AR |
| SUPP | AR | AR | AR | AR | AR |
| AGAV | AR | AR | AR | AR | AR |
| CXCY | AR | AR | AR | AR | AR |

SECTION I

| APP Key | MRC | Mode Code | Requirements |
|--|-----|-----------|--|
| <hr/> | | | |
| ALL | | | |
| NAME D ITEM NAME | | | |
| Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN. | | | |
| Reply Instructions: Enter the Item Name Code. (e.g., NAMED13384*) | | | |
| A, B, C, D, E, F, H, J, K, L, M, N, P, Q | | | |
| STYL L STYLE DESIGNATOR | | | |
| Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM. | | | |
| Reply Instructions: Enter the applicable style designator from Appendix B , Reference Drawing Group A, B, C, E, F or H, or from Appendix B, Reference Drawing Group J, K, M, N, P or Q. (e.g., STYLLB1*) | | | |
| ALL | | | |
| ANNQ | H | | MATERIAL AND LOCATION |
| Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT, AND ITS LOCATION. | | | |
| Reply Instructions: Enter the applicable Reply Codes from Appendix A , Table 2 and Appendix A, Table 4. (e.g., ANNQHST0000AAB*; ANNQHST0000AAB\$HTL0000AAB*; ANNQHDST0000AAB\$\$HTL0000AAB*) | | | |
| A*, B, C, D, E, F, H*, J, L, M, N, P, Q | | | |
| THDS | J | | THREAD SIZE AND SERIES/TYPE DESIGNATOR |

| APP Key | MRC | Mode Code | Requirements |
|--|-----|------------------------|--------------|
| Definition: DESIGNATES THE THREAD DIAMETER, SERIES/TYPE, AND NUMBER OF THREADS PER SPECIFIC MEASUREMENT SCALE. | | | |
| Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1, followed by the thread diameter, a dash, and the number of threads per specific measurement scale. | | | |
| (e.g., THDSJNP1.250-11-1/2*; THDSJNC0.250-20*; THDSJSM6.35*) | | | |
| For items that are applicable to multiple sizes use AND coding (\$\$) entering replies in ascending sequence. (e.g., THDSJSM6.35\$\$JSM12.70*) | | | |
| When the source document specifies Unified threads but does not show a series designation, see Appendix C, Table 4. | | | |
| When the source document specifies the diameter size as a number, see Appendix C, Table 4 for decimal equivalent. | | | |
| When the SI (metric) system of thread designation is specified, enter Reply Code for the applicable SI (metric) thread series from Appendix A, Table 1 followed by the diameter (in millimeters) with a minimum of one digit preceding the decimal. (e.g., THDSJSM10.0*) | | | |
| When the source document specifies SI (metric) threads but does not show a series designation, see Appendix C, Table 3. | | | |
| When the source document specifies nominal pipe size, see Appendix C, Table 1 for decimal equivalent. | | | |
| NOTE FOR MRCS AAJE AND CQQR: IF REPLY CODE NH, SP, SC, SF, SH, PS, SL, PM, NT, FP, PE, PF, PP, SR, UN, NC, NF, NE, NJ, JC, JF, JE, NM, OR NS IS ENTERED FOR MRC THDS, REPLY TO MRC AAJE. IF REPLY CODE SM OR SS IS ENTERED FOR MRC THDS, REPLY TO MRC CQQR. | | | |
| A*, B*, C*, D*, E*, F*, H*, J*, L*, M*, N*, P*, Q* (See Note Above) | | | |
| AAJE | J | THREAD PITCH DIAMETERS | |
| Definition: THE MINIMUM AND MAXIMUM PITCH DIAMETER LIMITS OF A STRAIGHT SCREW THREAD. | | | |

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| APP Key | MRC | Mode | Code | Requirements |
|--|-----|-------------------|------|------------------------------------|
| Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values separated by a slash. Precede positive values with the letter P. (e.g., AAJEJAP0.2157/P0.2195*; AAJEJLP5.4788/P5.4994*) | | | | |
| | | <u>REPLY CODE</u> | | <u>REPLY (AA05)</u> |
| | | | | |
| | | A | | INCHES |
| | | L | | MILLIMETERS |
| A*, B*, C*, D*, E*, F*, H*, J*, L*, M*, N*, P*, Q* (See Note Above) | | | | |
| CQQR | B | | | THREAD PITCH IN MILLIMETERS |
| Definition: A MEASUREMENT OF THE DISTANCE, BETWEEN CORRESPONDING POINTS ON TWO ADJACENT THREADS MEASURED PARALLEL TO THE THREAD AXIS, EXPRESSED IN MILLIMETERS. | | | | |
| Reply Instructions: Enter the thread pitch. (e.g., CQQRB1.5*) | | | | |
| A* | B* | C* | D* | E*, F*, H*, J*, L*, M*, N*, P*, Q* |
| AAJF | D | | | THREAD DIRECTION |
| Definition: THE DIRECTION OF THE THREAD WHEN VIEWED AXIALLY. A RIGHT-HAND THREAD WINDS IN A CLOCKWISE DIRECTION WHILE A LEFT-HAND THREAD WINDS IN A COUNTERCLOCKWISE DIRECTION. | | | | |
| Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAJFDL*; AAJFDL\$DR*) | | | | |
| | | <u>REPLY CODE</u> | | <u>REPLY (AA38)</u> |
| | | | | |
| | | L | | LEFT-HAND |
| | | R | | RIGHT-HAND |
| M | | | | |
| ANMJ | D | | | THREAD STRUCTURE |
| Definition: AN INDICATION OF THE THREAD STRUCTURE. | | | | |
| Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANMJDM*; ANMJDL\$DM*) | | | | |

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SECTION I

| APP | Key | MRC | Mode | Code | Requirements |
|-----|-----|-----|------|------|--------------|
|-----|-----|-----|------|------|--------------|

| REPLY CODE | REPLY (AA39) |
|------------|---|
| L | INTERRUPTED (alternating threads removed) |
| M | REGULAR |

M

ANMM D THREAD FORMING METHOD

Definition: THE MEANS USED IN FORMING THE THREAD.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANMMDAH*; ANMMDAH\$DDZ*)

| REPLY CODE | REPLY (AA62) |
|------------|--------------|
| AH | CUT |
| DZ | GROUND |

M

ANMP D STARTING CHAMFER TYPE

Definition: INDICATES THE TYPE OF STARTING CHAMFER.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANMPDAAB*; ANMPDAAB\$DAAC*)

| REPLY CODE | REPLY (AJ81) |
|------------|---|
| AAB | BOTTOMING (approx 1 to 1-1/2 thds cut away) |
| AAF # | INTERMEDIATE |
| AAC | PLUG (approx 2-1/2 to 5 thds cut away) |
| AAD | TAPER (approx 7 to 10 thds cut away) |

B, H*

ALDT A SEGMENT QUANTITY

Definition: THE NUMBER OF SEGMENTS INCLUDED IN THE ITEM.

Reply Instructions: Enter the quantity. (e.g., ALDTA3*; ALDTA3\$A4*)

H*

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SECTION I

| APP Key | MRC | Mode Code | Requirements | | | | | | |
|--|---------------------|-----------|--|-------------------|---------------------|-----|---------------|-----|-------------|
| ANMS | J | | MAXIMUM THREADING LENGTH CAPABILITY | | | | | | |
| Definition: THE MAXIMUM LENGTH OF STRAIGHT THREADS THE ITEM IS DESIGNED TO CUT. | | | | | | | | | |
| Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ANMSJA1.500*; ANMSJL38.1*) | | | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;"><u>REPLY CODE</u></th> <th style="text-align: left; width: 30%;"><u>REPLY (AA05)</u></th> </tr> </thead> <tbody> <tr> <td>A</td> <td>INCHES</td> </tr> <tr> <td>L</td> <td>MILLIMETERS</td> </tr> </tbody> </table> | | | | <u>REPLY CODE</u> | <u>REPLY (AA05)</u> | A | INCHES | L | MILLIMETERS |
| <u>REPLY CODE</u> | <u>REPLY (AA05)</u> | | | | | | | | |
| A | INCHES | | | | | | | | |
| L | MILLIMETERS | | | | | | | | |
| P*, Q* | | | | | | | | | |
| AJCC | D | | RATCHET MECHANISM | | | | | | |
| Definition: AN INDICATION OF THE TYPE OF RATCHET MECHANISM INCLUDED IN AN ITEM. | | | | | | | | | |
| Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJCCDB*; AJCCDB\$DC*) | | | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;"><u>REPLY CODE</u></th> <th style="text-align: left; width: 30%;"><u>REPLY (AF62)</u></th> </tr> </thead> <tbody> <tr> <td>B</td> <td>NONREVERSIBLE</td> </tr> <tr> <td>C</td> <td>REVERSIBLE</td> </tr> </tbody> </table> | | | | <u>REPLY CODE</u> | <u>REPLY (AF62)</u> | B | NONREVERSIBLE | C | REVERSIBLE |
| <u>REPLY CODE</u> | <u>REPLY (AF62)</u> | | | | | | | | |
| B | NONREVERSIBLE | | | | | | | | |
| C | REVERSIBLE | | | | | | | | |
| Q | | | | | | | | | |
| ALBY | D | | USAGE DESIGN | | | | | | |
| Definition: INDICATES THE DESIGNED USE OF THE ITEM. | | | | | | | | | |
| Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBYDAAY*; ALBYDAAY\$DAAZ*) | | | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;"><u>REPLY CODE</u></th> <th style="text-align: left; width: 30%;"><u>REPLY (AH21)</u></th> </tr> </thead> <tbody> <tr> <td>AAY</td> <td>MANUAL</td> </tr> <tr> <td>AAZ</td> <td>POWER TOOL</td> </tr> </tbody> </table> | | | | <u>REPLY CODE</u> | <u>REPLY (AH21)</u> | AAY | MANUAL | AAZ | POWER TOOL |
| <u>REPLY CODE</u> | <u>REPLY (AH21)</u> | | | | | | | | |
| AAY | MANUAL | | | | | | | | |
| AAZ | POWER TOOL | | | | | | | | |
| L*, M*, N | | | | | | | | | |

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| APP Key | MRC | Mode Code | Requirements | | | | | | |
|-------------------|---------------------|-----------|---|-------------------|---------------------|----|------------|----|---------------|
| | ALAR | A | FLUTE QUANTITY | | | | | | |
| P | | | <p>Definition: THE NUMBER OF FLUTES PROVIDED.</p> <p>Reply Instructions: Enter the quantity. (e.g., ALARA2*; ALARA2\$A3*)</p> | | | | | | |
| | ANMW | A | HEAD QUANTITY | | | | | | |
| J, P | | | <p>Definition: THE NUMBER OF HEAD(S) PROVIDED.</p> <p>Reply Instructions: Enter the quantity. (e.g., ANMWA3*; ANMWA3\$A4*)</p> | | | | | | |
| | ANMY | D | HEAD ADJUSTABILITY | | | | | | |
| K | | | <p>Definition: AN INDICATION OF WHETHER OR NOT THE HEAD IS ADJUSTABLE.</p> <p>Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANMYDA*; ANMYDA\$DC*)</p> <table style="margin-left: 100px;"> <tr> <th><u>REPLY CODE</u></th> <th><u>REPLY (AB00)</u></th> </tr> <tr> <td>A</td> <td>ADJUSTABLE</td> </tr> <tr> <td>C</td> <td>NONADJUSTABLE</td> </tr> </table> | <u>REPLY CODE</u> | <u>REPLY (AB00)</u> | A | ADJUSTABLE | C | NONADJUSTABLE |
| <u>REPLY CODE</u> | <u>REPLY (AB00)</u> | | | | | | | | |
| A | ADJUSTABLE | | | | | | | | |
| C | NONADJUSTABLE | | | | | | | | |
| | ANCT | D | BLADE TYPE | | | | | | |
| K | | | <p>Definition: INDICATES THE TYPE OF BLADE PROVIDED.</p> <p>Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANCTDAD*; ANCTDAD\$\$DAE*)</p> <table style="margin-left: 100px;"> <tr> <th><u>REPLY CODE</u></th> <th><u>REPLY (AJ46)</u></th> </tr> <tr> <td>AE</td> <td>COARSE</td> </tr> <tr> <td>AD</td> <td>FINE</td> </tr> </table> | <u>REPLY CODE</u> | <u>REPLY (AJ46)</u> | AE | COARSE | AD | FINE |
| <u>REPLY CODE</u> | <u>REPLY (AJ46)</u> | | | | | | | | |
| AE | COARSE | | | | | | | | |
| AD | FINE | | | | | | | | |

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| APP Key | MRC | Mode Code | Requirements | | | | | | |
|--|--------------|-----------|------------------------------------|------------|--------------|-----|--------------|---|-------------|
| ANNK | J | | THREAD DIAMETER RANGE ACCOMMODATED | | | | | | |
| Definition: INDICATES THE THREAD DIAMETER RANGE FOR WHICH THE ITEM IS DESIGNED TO ACCOMMODATE. | | | | | | | | | |
| Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values separated by a slash mark. Precede values with the letter P for positive replies. (e.g., ANNKJAP0.250/P5.000*; ANNKJLP6.2/P12.7*) | | | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">REPLY CODE</th> <th style="text-align: left; width: 30%;">REPLY (AA05)</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>INCHES</td> </tr> <tr> <td>L</td> <td>MILLIMETERS</td> </tr> </tbody> </table> | | | | REPLY CODE | REPLY (AA05) | A | INCHES | L | MILLIMETERS |
| REPLY CODE | REPLY (AA05) | | | | | | | | |
| A | INCHES | | | | | | | | |
| L | MILLIMETERS | | | | | | | | |
| ALL* | | | | | | | | | |
| CBBL | D | | FEATURES PROVIDED | | | | | | |
| Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM. | | | | | | | | | |
| Reply Instructions: Enter the Reply Code from the table below. (e.g., CBBLDCSQ*) | | | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">REPLY CODE</th> <th style="text-align: left; width: 30%;">REPLY (AN47)</th> </tr> </thead> <tbody> <tr> <td>CSQ</td> <td>DEMAGNETIZED</td> </tr> </tbody> </table> | | | | REPLY CODE | REPLY (AN47) | CSQ | DEMAGNETIZED | | |
| REPLY CODE | REPLY (AN47) | | | | | | | | |
| CSQ | DEMAGNETIZED | | | | | | | | |
| ALL* | | | | | | | | | |
| FEAT | G | | SPECIAL FEATURES | | | | | | |
| Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION. | | | | | | | | | |
| Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*) | | | | | | | | | |
| ALL* | | | | | | | | | |
| TEST | J | | TEST DATA DOCUMENT | | | | | | |

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SECTION I

| APP Key | MRC | Mode Code | Requirements |
|--|-----|-----------|--------------|
| Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT. | | | |
| Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number. | | | |
| (e.g., TESTJA12345-CWX654321*; | | | |
| TESTJA1234A-654321\$\$JB5556A-663654*; | | | |
| TESTJAA2345-654321\$JB55566-663654*) | | | |

| <u>REPLY CODE</u> | <u>REPLY (AC28)</u> |
|-----------------------|--|
| A | SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.) |
| B | STANDARD (Includes industry or association standards, individual manufacturer standards, etc.) |
| C | DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing) |

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

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| APP Key | MRC | Mode | Code | Requirements |
|--|-----|------|------|--|
| Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*) | | | | |
| ALL* | | | | |
| SPECIFICATION/STANDARD DATA | | | | |
| ZZZK | J | | | Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY. |
| <p>Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.</p> <p>(e.g., ZZZKJT81337-30642B*; ZZZKJS81349-MIL-D-180 REV1/CANCELED/*; ZZZKJP80205-NAS1103*; ZZZKJS81349-MIL-C-1140C/CE/*; ZZZKJT81337-30642B\$\$JP80205-NAS1103*)</p> | | | | |

| <u>REPLY CODE</u> | <u>REPLY (AN62)</u> |
|-----------------------|--|
| S | GOVERNMENT SPECIFICATION |
| T | GOVERNMENT STANDARD |
| D | MANUFACTURERS SOURCE CONTROL |
| R | MANUFACTURERS SPECIFICATION |
| N | MANUFACTURERS SPECIFICATION CONTROL |
| M | MANUFACTURERS STANDARD |
| B | NATIONAL STD/SPEC |
| A | PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION |
| P | PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD |

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SECTION I

| APP | Key | MRC | Mode | Code | Requirements |
|-----|-----|-----|------|------|--------------|
|-----|-----|-----|------|------|--------------|

NOTE FOR MRC ZZZT: IF THE SPECIFICATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 5, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1\$\$JSTA*; ZZZTJTY1\$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

ALL*

ZZZX G DEPARTURE FROM CITED DESIGNATOR

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)

ALL*

| APP Key | MRC | Mode Code | Requirements | | |
|--|------|--------------------------------|--|--|--|
| | ZZZY | G | REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS | | |
| Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS. | | | | | |
| Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*) | | | | | |
| ALL* | | | | | |
| CRTL | A | CRITICALITY CODE JUSTIFICATION | | | |
| Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM. | | | | | |
| Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL\$\$ASURF*) | | | | | |
| Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical. | | | | | |
| NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY. | | | | | |
| ALL* (See Note Above) | | | | | |
| PRPY | A | PROPRIETARY CHARACTERISTICS | | | |
| Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA. | | | | | |

| APP Key | MRC | Mode | Code | Requirements | | | | |
|---|--|------|------|--------------|-----------------------|---------------------|---|--|
| Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL\$\$ASURF*) | | | | | | | | |
| ALL* | | | | | | | | |
| Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS. | | | | | | | | |
| Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*). | | | | | | | | |
| If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365). | | | | | | | | |
| In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M. | | | | | | | | |
| ALL* | | | | | | | | |
| Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS. | | | | | | | | |
| Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*) | | | | | | | | |
| <table> <tr> <td style="text-align: right;"><u>REPLY CODE</u></td> <td style="text-align: center;"><u>REPLY (AN58)</u></td> </tr> <tr> <td style="text-align: right;">A</td> <td style="text-align: center;">ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD</td> </tr> </table> | | | | | <u>REPLY CODE</u> | <u>REPLY (AN58)</u> | A | ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD |
| <u>REPLY CODE</u> | <u>REPLY (AN58)</u> | | | | | | | |
| A | ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD | | | | | | | |

SECTION III

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| APP Key | MRC | Mode Code | Requirements | | | | | | | | | | | | | | | | |
|-------------------|-------------------------------|----------------------------|---|-------------------|---------------------|---|-------------------|---|-------------------------------|---|------------------------|---|---------------------------|---|------------------|---|-----------|---|--------------------|
| ALL | | | | | | | | | | | | | | | | | | | |
| AFJK | J | CUBIC MEASURE | | | | | | | | | | | | | | | | | |
| | | Definition: | A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS. | | | | | | | | | | | | | | | | |
| | | Reply Instructions: | Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJB8.000*; AFJKJC131.1*) | | | | | | | | | | | | | | | | |
| | | | <table> <thead> <tr> <th><u>REPLY CODE</u></th><th><u>REPLY (AD42)</u></th></tr> </thead> <tbody> <tr> <td>C</td><td>CUBIC CENTIMETERS</td></tr> <tr> <td>B</td><td>CUBIC INCHES</td></tr> </tbody> </table> | <u>REPLY CODE</u> | <u>REPLY (AD42)</u> | C | CUBIC CENTIMETERS | B | CUBIC INCHES | | | | | | | | | | |
| <u>REPLY CODE</u> | <u>REPLY (AD42)</u> | | | | | | | | | | | | | | | | | | |
| C | CUBIC CENTIMETERS | | | | | | | | | | | | | | | | | | |
| B | CUBIC INCHES | | | | | | | | | | | | | | | | | | |
| ALL | | | | | | | | | | | | | | | | | | | |
| AFJJ | D | STORAGE TYPE | | | | | | | | | | | | | | | | | |
| | | Definition: | INDICATES THE TYPE OF STORAGE SPACE REQUIRED FOR AN ITEM IN ORDER TO PROVIDE THE DEGREE OF PROTECTION NECESSARY TO MAINTAIN SERVICEABILITY STANDARDS. | | | | | | | | | | | | | | | | |
| | | Reply Instructions: | Enter the applicable Reply Code from the table below. (e.g., AFJJDE*; AFJJDD\$\$DG*; AFJJDD\$DG*) | | | | | | | | | | | | | | | | |
| | | | <table> <thead> <tr> <th><u>REPLY CODE</u></th><th><u>REPLY (AD41)</u></th></tr> </thead> <tbody> <tr> <td>B</td><td>CLOSED SHED</td></tr> <tr> <td>C</td><td>CONTROLLED HUMIDITY WAREHOUSE</td></tr> <tr> <td>D</td><td>DEHUMIDIFIED WAREHOUSE</td></tr> <tr> <td>E</td><td>GENERAL PURPOSE WAREHOUSE</td></tr> <tr> <td>G</td><td>HEATED WAREHOUSE</td></tr> <tr> <td>H</td><td>OPEN SHED</td></tr> <tr> <td>J</td><td>UNHEATED WAREHOUSE</td></tr> </tbody> </table> | <u>REPLY CODE</u> | <u>REPLY (AD41)</u> | B | CLOSED SHED | C | CONTROLLED HUMIDITY WAREHOUSE | D | DEHUMIDIFIED WAREHOUSE | E | GENERAL PURPOSE WAREHOUSE | G | HEATED WAREHOUSE | H | OPEN SHED | J | UNHEATED WAREHOUSE |
| <u>REPLY CODE</u> | <u>REPLY (AD41)</u> | | | | | | | | | | | | | | | | | | |
| B | CLOSED SHED | | | | | | | | | | | | | | | | | | |
| C | CONTROLLED HUMIDITY WAREHOUSE | | | | | | | | | | | | | | | | | | |
| D | DEHUMIDIFIED WAREHOUSE | | | | | | | | | | | | | | | | | | |
| E | GENERAL PURPOSE WAREHOUSE | | | | | | | | | | | | | | | | | | |
| G | HEATED WAREHOUSE | | | | | | | | | | | | | | | | | | |
| H | OPEN SHED | | | | | | | | | | | | | | | | | | |
| J | UNHEATED WAREHOUSE | | | | | | | | | | | | | | | | | | |
| ALL | | | | | | | | | | | | | | | | | | | |
| AJCN | D | PROTECTIVE STORAGE FEATURE | | | | | | | | | | | | | | | | | |
| | | Definition: | THE PECULIAR STORAGE FEATURE(S) REQUIRED FOR AN ITEM IN ORDER TO PROVIDE THE DEGREE OF PROTECTION NECESSARY TO MAINTAIN SERVICEABILITY STANDARDS | | | | | | | | | | | | | | | | |

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SECTION I

| APP Key | MRC | Mode Code | Requirements | | |
|---|-----|---------------------------|--------------|--|--|
| Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJCNDCV*; AJCNDBZ\$\$DDP*) | | | | | |
| <u>REPLY CODE</u> | | <u>REPLY (AA65)</u> | | | |
| GJ | | CORROSION PROOF | | | |
| DW | | FIREPROOF | | | |
| CV | | GENERAL PURPOSE | | | |
| BZ | | MOISTURE | | | |
| DP | | WATER | | | |
| ALL | | | | | |
| ALFK | D | CASE | | | |
| Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVEABLE IS PROVIDED. | | | | | |
| Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALFKDB*; ALFKDB\$DC*) | | | | | |
| <u>REPLY CODE</u> | | <u>REPLY (AB22)</u> | | | |
| C | | NOT PROVIDED | | | |
| B | | PROVIDED | | | |
| ALL | | | | | |
| AAJP | D | OUTSIDE SURFACE TREATMENT | | | |
| Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS THE OUTSIDE SURFACE. | | | | | |
| Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., AAJPDCD0000*; AAJPDCHA000\$\$DVA0000*; AAJPDCHA000\$DVA0000*) | | | | | |
| ALL | | | | | |
| ABFF | D | FURNISHED ITEMS | | | |
| Definition: ITEMS FURNISHED AS ACCESSORIES WHICH ARE NOT SPECIFIED ELSEWHERE. | | | | | |

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| APP Key | MRC | Mode Code | Requirements | | |
|--|-----|-------------------------------------|---------------------|--|--|
| Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ABFFDHE*; ABFFDHD\$\$DHE*) | | | | | |
| | | <u>REPLY CODE</u> | <u>REPLY (AB28)</u> | | |
| | | | | | |
| | | HD | CHASER SET | | |
| | | | | | |
| | | HF | DIE | | |
| | | | | | |
| | | HE | HANDLE | | |
| ALL | | | | | |
| PRMT | D | PRECIOUS MATERIAL | | | |
| Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM. | | | | | |
| Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PRMTDAGA000*; PRMTDAUA000\$\$DAGA000*) | | | | | |
| | | <u>REPLY CODE</u> | <u>REPLY (MA01)</u> | | |
| | | | | | |
| | | AUA000 | GOLD | | |
| | | | | | |
| | | IRA000 | IRIDIUM | | |
| | | | | | |
| | | AZA000 | OSMIUM | | |
| | | | | | |
| | | PDA000 | PALLADIUM | | |
| | | | | | |
| | | PTA000 | PLATINUM | | |
| | | | | | |
| | | RHA000 | RHODIUM | | |
| | | | | | |
| | | RTA000 | RUTHENIUM | | |
| | | | | | |
| | | AGA000 | SILVER | | |
| ALL | | | | | |
| PMWT | J | PRECIOUS MATERIAL AND WEIGHT | | | |
| Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE. | | | | | |
| Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Enter multiple replies in Table 1 sequence. (e.g., PMWTJPTA000R0.780*; PMWTJAUA000F0.500\$\$JAGA000R0.780*) | | | | | |
| | | | | | |
| <u>Table 1</u> | | | | | |
| | | <u>REPLY CODE</u> | <u>REPLY (MA01)</u> | | |
| | | | | | |
| | | AUA000 | GOLD | | |
| | | | | | |
| | | IRA000 | IRIDIUM | | |
| | | | | | |
| | | AZA000 | OSMIUM | | |

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| APP Key | MRC | Mode Code | Requirements |
|------------|-----|-----------|--------------|
| | | PDA000 | PALLADIUM |
| | | PTA000 | PLATINUM |
| | | RHA000 | RHODIUM |
| | | RTA000 | RUTHENIUM |
| | | AGA000 | SILVER |

Table 2

| <u>REPLY CODE</u> | <u>REPLY (AG14)</u> |
|-------------------|---------------------|
| E | GRAINS, TROY |
| R | GRAMS |
| F | OUNCES, TROY |

ALL

PMLC J PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAU000TERMINALS*;
PMLCJAU000TERMINALS\$\$JAGA000INTERNAL SURFACES*)

| <u>REPLY CODE</u> | <u>REPLY (MA01)</u> |
|-------------------|---------------------|
| AUA000 | GOLD |
| IRA000 | IRIDIUM |
| AZA000 | OSMIUM |
| PDA000 | PALLADIUM |
| PTA000 | PLATINUM |
| RHA000 | RHODIUM |
| RTA000 | RUTHENIUM |
| AGA000 | SILVER |

ALL

SUPP G SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

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SECTION I

| APP Key | MRC | Mode Code | Requirements |
|--|-----|-----------|---|
| Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*) | | | |
| ALL | | | |
| AGAV G END ITEM IDENTIFICATION | | | |
| Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART. | | | |
| Reply Instructions: Enter the reply in clear text. (e.g., AGAVG3930-00-000-0000*; AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*) | | | |
| ALL | | | |
| CXCY | G | | PART NAME ASSIGNED BY CONTROLLING AGENCY |
| Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM. | | | |
| Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*) | | | |

Reply Tables

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Table 1 - SCREW THREAD SERIES SCREW THREAD SERIES

| <u>REPLY CODE</u> | <u>REPLY (AH06)</u> |
|-------------------|----------------------------------|
| AM | ACME |
| AN | ANPT |
| BA | BA |
| BF | BSF |
| FB | BSP.F |
| BL | BSP.PL EXT |
| BN | BSP.PL INT |
| BS | BSP.TR EXT |
| BR | BSP.TR INT |
| BW | BSW |
| TT | BUTTRESS |
| FP | F-PTF |
| DX # | FRENCH CONDUIT THREAD NF C68-190 |
| SM | ISO M (SI Other Than Coarse)* |
| SS | ISO S (SI Coarse)* |
| NG | NGO |
| GS | NGS |
| GT | NGT |
| NH | NH |
| SP | NPS |
| SC | NPSC |
| SF | NPSF |
| SH | NPSH |
| PS | NPSI |
| SL | NPSL |
| PM | NPSM |
| NP | NPT |
| NT | NPTF |
| TR | NPTR |
| PT | PTF-SAE SHORT |
| PP | PTF-SPL |

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| <u>REPLY CODE</u> | <u>REPLY (AH06)</u> |
|-------------------|---------------------------|
| PE | PTF-SPL EXTRA SHORT |
| PF | PTF-SPL SHORT |
| SR | STI |
| UN | UN (8, 12, and 16 Pitch) |
| NC | UNC |
| NE | UNEF |
| NF | UNF |
| NJ | UNJ (8, 12, and 16 Pitch) |
| JC | UNJC |
| JE | UNJEF |
| JF | UNJF |
| NM | UNM |
| NS | UNS (National Special) |
| WW | WHITWORTH |

*For determination between ISO M and ISO S, see Appendix C, Table 3.

Table 2 - MATERIALS
MATERIALS

| <u>REPLY CODE</u> | <u>REPLY (AD09)</u> |
|-------------------|---|
| KA0000 | CARBIDE |
| FEA000 | IRON, CAST |
| ST0000 | STEEL Steel Alloy (use Reply Code ST0000) Steel, Carbon (use Reply Code ST0000) |
| STS000 | STEEL, HIGH SPEED |
| ST0172 | STEEL, MIL-S-5000 |
| ST1544 | STEEL, QQ-S-631, COMP 1095-CANCELED |
| STA133 | STEEL, QQ-T-590 |
| TL0000 | TOOL STEEL Tool Steel, Carbon (use Reply Code TL0000) |
| TL0023 | TOOL STEEL, QQ-T-570, CLASS A2 |
| TL0024 | TOOL STEEL, QQ-T-570, CLASS A3 |
| TL0025 | TOOL STEEL, QQ-T-570, CLASS A4 |
| TL0026 | TOOL STEEL, QQ-T-570, CLASS A5 |
| TL0027 | TOOL STEEL, QQ-T-570, CLASS A6 |
| TL0028 | TOOL STEEL, QQ-T-570, CLASS A7 |
| TL0029 | TOOL STEEL, QQ-T-570, CLASS A8 |
| TL0030 | TOOL STEEL, QQ-T-570, CLASS A9 |
| TL0031 | TOOL STEEL, QQ-T-570, CLASS A10 |
| TL0032 | TOOL STEEL, QQ-T-570, CLASS D1 |
| TL0033 | TOOL STEEL, QQ-T-570, CLASS D2 |
| TL0034 | TOOL STEEL, QQ-T-570, CLASS D3 |
| TL0035 | TOOL STEEL, QQ-T-570, CLASS D4 |

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| <u>REPLY CODE</u> | <u>REPLY (AD09)</u> |
|-------------------|--|
| TL0036 | TOOL STEEL, QQ-T-570, CLASS D5 |
| TL0037 | TOOL STEEL, QQ-T-570, CLASS D7 |
| TL0038 | TOOL STEEL, QQ-T-570, CLASS F1 |
| TL0039 | TOOL STEEL, QQ-T-570, CLASS F2 |
| TL0040 | TOOL STEEL, QQ-T-570, CLASS F3 |
| TL0041 | TOOL STEEL, QQ-T-570, CLASS H10 |
| TL0042 | TOOL STEEL, QQ-T-570, CLASS H11 |
| TL0043 | TOOL STEEL, QQ-T-570, CLASS H12 |
| TL0044 | TOOL STEEL, QQ-T-570, CLASS H13 |
| TL0045 | TOOL STEEL, QQ-T-570, CLASS H14 |
| TL0046 | TOOL STEEL, QQ-T-570, CLASS H16 |
| TL0047 | TOOL STEEL, QQ-T-570, CLASS H19 |
| TL0048 | TOOL STEEL, QQ-T-570, CLASS H20 |
| TL0049 | TOOL STEEL, QQ-T-570, CLASS H21 |
| TL0050 | TOOL STEEL, QQ-T-570, CLASS H22 |
| TL0051 | TOOL STEEL, QQ-T-570, CLASS H23 |
| TL0052 | TOOL STEEL, QQ-T-570, CLASS H24 |
| TL0053 | TOOL STEEL, QQ-T-570, CLASS H25 |
| TL0054 | TOOL STEEL, QQ-T-570, CLASS H26 |
| TL0055 | TOOL STEEL, QQ-T-570, CLASS H41 |
| TL0056 | TOOL STEEL, QQ-T-570, CLASS H42 |
| TL0057 | TOOL STEEL, QQ-T-570, CLASS H43 |
| TL0058 | TOOL STEEL, QQ-T-570, CLASS L1 |
| TL0059 | TOOL STEEL, QQ-T-570, CLASS L2 |
| TL0060 | TOOL STEEL, QQ-T-570, CLASS L3 |
| TL0061 | TOOL STEEL, QQ-T-570, CLASS L6 |
| TL0062 | TOOL STEEL, QQ-T-570, CLASS L7 |
| TL0067 | TOOL STEEL, QQ-T-570, CLASS S1 |
| TL0068 | TOOL STEEL, QQ-T-570, CLASS S2 |
| TL0069 | TOOL STEEL, QQ-T-570, CLASS S4 |
| TL0070 | TOOL STEEL, QQ-T-570, CLASS S5 |
| TL0071 | TOOL STEEL, QQ-T-570, CLASS S6 |
| TL0072 | TOOL STEEL, QQ-T-570, CLASS S7 |
| TL0073 | TOOL STEEL, QQ-T-570, CLASS W4 |
| TL0074 | TOOL STEEL, QQ-T-570, CLASS W5 |
| TL0063 | TOOL STEEL, QQ-T-570, CLASS 01 |
| TL0064 | TOOL STEEL, QQ-T-570, CLASS 02 |
| TL0065 | TOOL STEEL, QQ-T-570, CLASS 06 |
| TL0066 | TOOL STEEL, QQ-T-570, CLASS 07 |
| TL0002 | TOOL STEEL, QQ-T-580, GRADE A, CLASS W1-08 |
| TL0003 | TOOL STEEL, QQ-T-580, GRADE A, CLASS W1-09 |
| TL0004 | TOOL STEEL, QQ-T-580, GRADE A, CLASS W1-10 |
| TL0005 | TOOL STEEL, QQ-T-580, GRADE A, CLASS W1-12 |
| TL0006 | TOOL STEEL, QQ-T-580, GRADE A, CLASS W2-09 |
| TL0007 | TOOL STEEL, QQ-T-580, GRADE A, CLASS W2-10 |
| TL0008 | TOOL STEEL, QQ-T-580, GRADE A, CLASS W3-10 |
| TL0009 | TOOL STEEL, QQ-T-580, GRADE B, CLASS W1-08 |
| TL0010 | TOOL STEEL, QQ-T-580, GRADE B, CLASS W1-09 |

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| <u>REPLY CODE</u> | <u>REPLY (AD09)</u> |
|-------------------|--|
| TL0011 | TOOL STEEL, QQ-T-580, GRADE B, CLASS W1-10 |
| TL0012 | TOOL STEEL, QQ-T-580, GRADE B, CLASS W1-12 |
| TL0013 | TOOL STEEL, QQ-T-580, GRADE B, CLASS W2-09 |
| TL0014 | TOOL STEEL, QQ-T-580, GRADE B, CLASS W2-10 |
| TL0015 | TOOL STEEL, QQ-T-580, GRADE B, CLASS W3-10 |
| TL0016 | TOOL STEEL, QQ-T-580, GRADE C, CLASS W1-08 |
| TL0017 | TOOL STEEL, QQ-T-580, GRADE C, CLASS W1-09 |
| TL0018 | TOOL STEEL, QQ-T-580, GRADE C, CLASS W1-10 |
| TL0019 | TOOL STEEL, QQ-T-580, GRADE C, CLASS W1-12 |
| TL0020 | TOOL STEEL, QQ-T-580, GRADE C, CLASS W2-09 |
| TL0021 | TOOL STEEL, QQ-T-580, GRADE C, CLASS W2-10 |
| TL0022 | TOOL STEEL, QQ-T-580, GRADE C, CLASS W3-10 |
| TL0084 | TOOL STEEL, QQ-T-590, CLASS M1 |
| TL0085 | TOOL STEEL, QQ-T-590, CLASS M2 |
| TL0086 | TOOL STEEL, QQ-T-590, CLASS M3 |
| TL0087 | TOOL STEEL, QQ-T-590, CLASS M4 |
| TL0088 | TOOL STEEL, QQ-T-590, CLASS M10 |
| TL0089 | TOOL STEEL, QQ-T-590, CLASS M15 |
| TL0090 | TOOL STEEL, QQ-T-590, CLASS M30 |
| TL0091 | TOOL STEEL, QQ-T-590, CLASS M34 |
| TL0075 | TOOL STEEL, QQ-T-590, CLASS T1 |
| TL0076 | TOOL STEEL, QQ-T-590, CLASS T2 |
| TL0077 | TOOL STEEL, QQ-T-590, CLASS T3 |
| TL0078 | TOOL STEEL, QQ-T-590, CLASS T4 |
| TL0079 | TOOL STEEL, QQ-T-590, CLASS T5 |
| TL0080 | TOOL STEEL, QQ-T-590, CLASS T6 |
| TL0081 | TOOL STEEL, QQ-T-590, CLASS T7 |
| TL0082 | TOOL STEEL, QQ-T-590, CLASS T8 |
| TL0083 | TOOL STEEL, QQ-T-590, CLASS T15 |

Table 3 - SURFACE TREATMENTS
SURFACE TREATMENTS

| <u>REPLY CODE</u> | <u>REPLY (AD09)</u> |
|-------------------|---|
| AN0000 | ANODIZED |
| AN0003 | ANODIZED, MIL-A-8625, TYPE 1 |
| AN0004 | ANODIZED, MIL-A-8625, TYPE 2 Black Oxide (use Reply Code XX0000) |
| BL0000 | BLUED |
| CD0000 | CADMIUM |
| CD0001 | CADMIUM, AMS 2400 |
| CD0002 | CADMIUM, AMS 2416 |
| CD0003 | CADMIUM, NAS 672 |
| CD0004 | CADMIUM, QQ-P-416, TYPE 1, CLASS 1 |
| CD0005 | CADMIUM, QQ-P-416, TYPE 1, CLASS 2 |
| CD0006 | CADMIUM, QQ-P-416, TYPE 1, CLASS 3 |
| CD0007 | CADMIUM, QQ-P-416, TYPE 2, CLASS 1 |

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| <u>REPLY CODE</u> | <u>REPLY (AD09)</u> |
|-------------------|--|
| CD0008 | CADMIUM, QQ-P-416, TYPE 2, CLASS 2 |
| CD0009 | CADMIUM, QQ-P-416, TYPE 2, CLASS 3 |
| CD0010 | CADMIUM, QQ-P-416, TYPE 3, CLASS 1 |
| CD0011 | CADMIUM, QQ-P-416, TYPE 3, CLASS 2 |
| CD0012 | CADMIUM, QQ-P-416, TYPE 3, CLASS 3 |
| CN0000 | CHROMATE (Iridite) (Cronak) |
| CH0001 | CHROME, MIL-F-14072 |
| CR0000 | CHROMIUM |
| EN0000 | ENAMEL |
| GB0000 | GALVANIZED |
| GF0000 | GRAPHITE |
| LQ0000 | LACQUER |
| MA0000 | MOLYBDENUM |
| NF0000 | NICKEL (ALUMEL) Nickel Plated (use Reply Code NF0000) |
| NF0024 | NICKEL, QQ-N-290 |
| NF0015 | NICKEL, QQ-N-290, TYPE 6, MATTE AND MIL-P-6589 |
| XX0000 | OXIDE |
| PS0000 | PASSIVATED |
| PH0000 | PHOSPHATE |
| PH0001 | PHOSPHATE, MIL-C-16232, TYPE 2-CANCELED |
| RH0000 | RHODIUM |
| AG0000 | SILVER |
| AG0001 | SILVER, AMS 2410 |
| AG0012 | SILVER PLATED, QQ-S-365 |
| AG0003 | SILVER, QQ-S-365, TYPE 2 |
| SN0000 | TIN |
| SN0001 | TIN, AMS 2408.2 |
| SN0002 | TIN PLATED, MIL-T-10727, TYPE 1 |
| VA0000 | VARNISHED |
| ZN0010 | ZINC, QQ-Z-325, TYPE 1 |
| ZN0011 | ZINC, QQ-Z-325, TYPE 2, CHROMATE TREATED |

Table 4 - LOCATIONS
LOCATIONS

| <u>REPLY CODE</u> | <u>REPLY (AJ91)</u> |
|-------------------|---------------------|
| AQA | CHASER |
| AQB | COLLET |
| AQC | DIE |
| AQD | DIE HEAD |
| AQE | DIE HOLDER |
| AQF | DIE STOCK |
| AJL | HANDLE |
| AAB | OVERALL |
| AQG | THREAD INSERT |
| ADT | TIP |

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Table 5 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

| <u>REPLY CODE</u> | <u>REPLY (AD08)</u> |
|-------------------|---------------------|
| AL | ALLOY |
| AN | ANNEX |
| AP | APPENDIX |
| AC | APPLICABILITY CLASS |
| AR | ARRANGEMENT |
| AS | ASSEMBLY |
| AB | ASSORTMENT |
| BX | BOX |
| CY | CAPACITY |
| CA | CASE |
| CT | CATEGORY |
| CL | CLASS |
| CE | CODE |
| CR | COLOR |
| CC | COMBINATION CODE |
| CN | COMPONENT |
| CP | COMPOSITION |
| CM | COMPOUND |
| CD | CONDITION |
| CS | CONSTRUCTION |
| DE | DESIGN |
| DG | DESIGNATOR |
| DW | DRAWING NUMBER |
| EG | EDGE |
| EN | END |
| FY | FAMILY |
| FG | FIGURE |
| FN | FINISH |
| FM | FORM |
| FA | FORMULA |
| GR | GRADE |
| GP | GROUP |
| BA | IMAGE COLOR |
| NS | INSERT |
| TM | ITEM |
| KD | KIND |
| KT | KIT |
| LG | LENGTH |
| LT | LIMIT |
| MK | MARK |
| AA | MARKER |
| ML | MATERIAL |
| BB | MAXIMUM DENSITY |

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| <u>REPLY CODE</u> | <u>REPLY (AD08)</u> |
|-------------------|---------------------|
| MH | MESH |
| ME | METHOD |
| BC | MINIMUM DENSITY |
| MD | MODEL |
| MT | MOUNTING |
| NR | NUMBER |
| PT | PART |
| PN | PATTERN |
| PC | PHYSICAL CONDITION |
| PS | PIECE |
| PL | PLAN |
| PR | POINT |
| QA | QUALITY |
| RN | RANGE |
| RT | RATING |
| RF | REFERENCE NUMBER |
| SC | SCHEDULE |
| SB | SECTION |
| SL | SELECTION |
| SE | SERIES |
| SV | SERVICE |
| SX | SET |
| SA | SHADE |
| SH | SHAPE |
| SG | SHEET |
| SZ | SIZE |
| PZ | SPECIES |
| SQ | SPECIFICATION SHEET |
| SD | SPEED |
| ST | STYLE |
| SS | SUBCLASS |
| SF | SUBFORM |
| SP | SUBTYPE |
| SN | SURFACE CONDITION |
| SY | SYMBOL |
| SM | SYSTEM |
| TB | TABLE |
| TN | TANNAGE |
| TP | TEMPER |
| TX | TEXTURE |
| TK | THICKNESS |
| TT | TREATMENT |
| TR | TRIM |
| TY | TYPE |
| YN | UNIT |
| VA | VARIETY |
| WT | WEIGHT |
| WD | WIDTH |

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Reference Drawing Groups

| | |
|--|----|
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| REFERENCE DRAWING GROUP K Tables | 53 |
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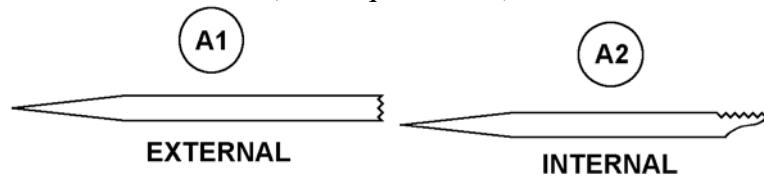
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APPENDIX B

REFERENCE DRAWING GROUP A

CHASER, THREAD, HAND

(No Requirements)

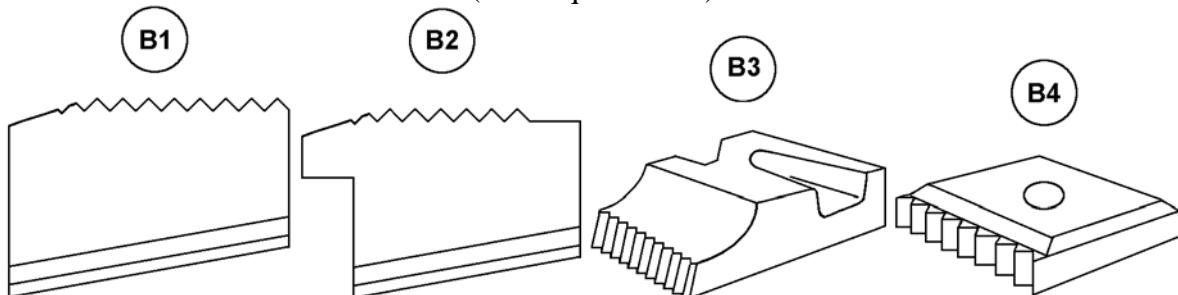


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APPENDIX B

REFERENCE DRAWING GROUP B

CHASERS, THREAD CUTTING

(No Requirements)



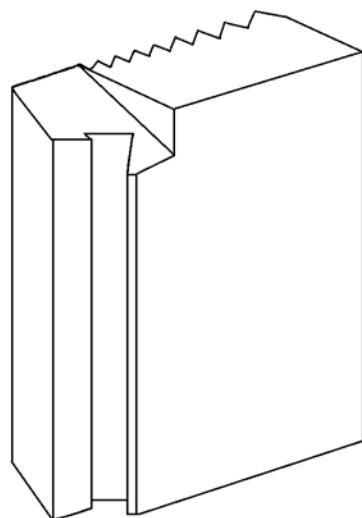
REGULAR TAP

OVERHANGING TAP

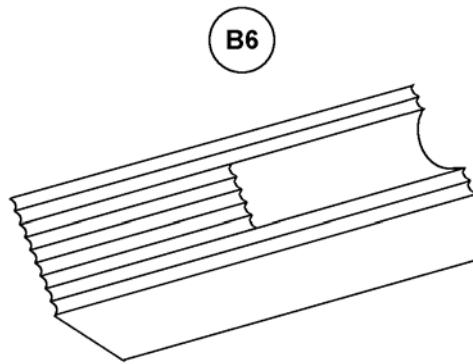
HOBBED

RADIAL

B5 #



TANGENTIAL



TANGENTIAL JAW

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APPENDIX B

REFERENCE DRAWING GROUP C Tables
DIE, RETHREADING

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value.
(e.g., ABNMJAA0.750*; ABNMJLA38.1*; ABNMJAB0.500\$\$JAC0.750*)

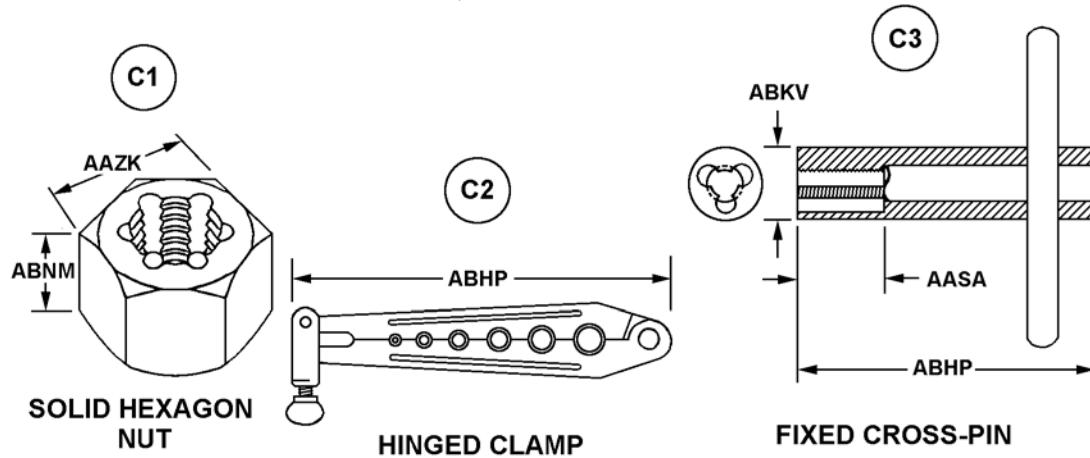
| <u>REPLY CODE</u> | <u>REPLY (AA05)</u> |
|-------------------|---------------------|
| A | INCHES |
| L | MILLIMETERS |

| <u>REPLY CODE</u> | <u>REPLY (AC20)</u> |
|-------------------|---------------------|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

| <u>MRC</u> | <u>Mode Code</u> | <u>Name of Dimension</u> |
|------------|------------------|--------------------------|
| AASA | J | THREAD LENGTH |
| AAZK | J | WIDTH ACROSS FLATS |
| ABHP | J | OVERALL LENGTH |
| ABKV | J | OUTSIDE DIAMETER |
| ABNM | J | THICKNESS |

REFERENCE DRAWING GROUP C

DIE, RETHREADING



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REFERENCE DRAWING GROUP E Tables
DIE, THREAD CLEANING and DIE, THREAD CUTTING

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value.
(e.g., ABNMJAA0.750*; ABNMJLA38.1*; ABNMJAB0.500\$\$JAC9.750*)

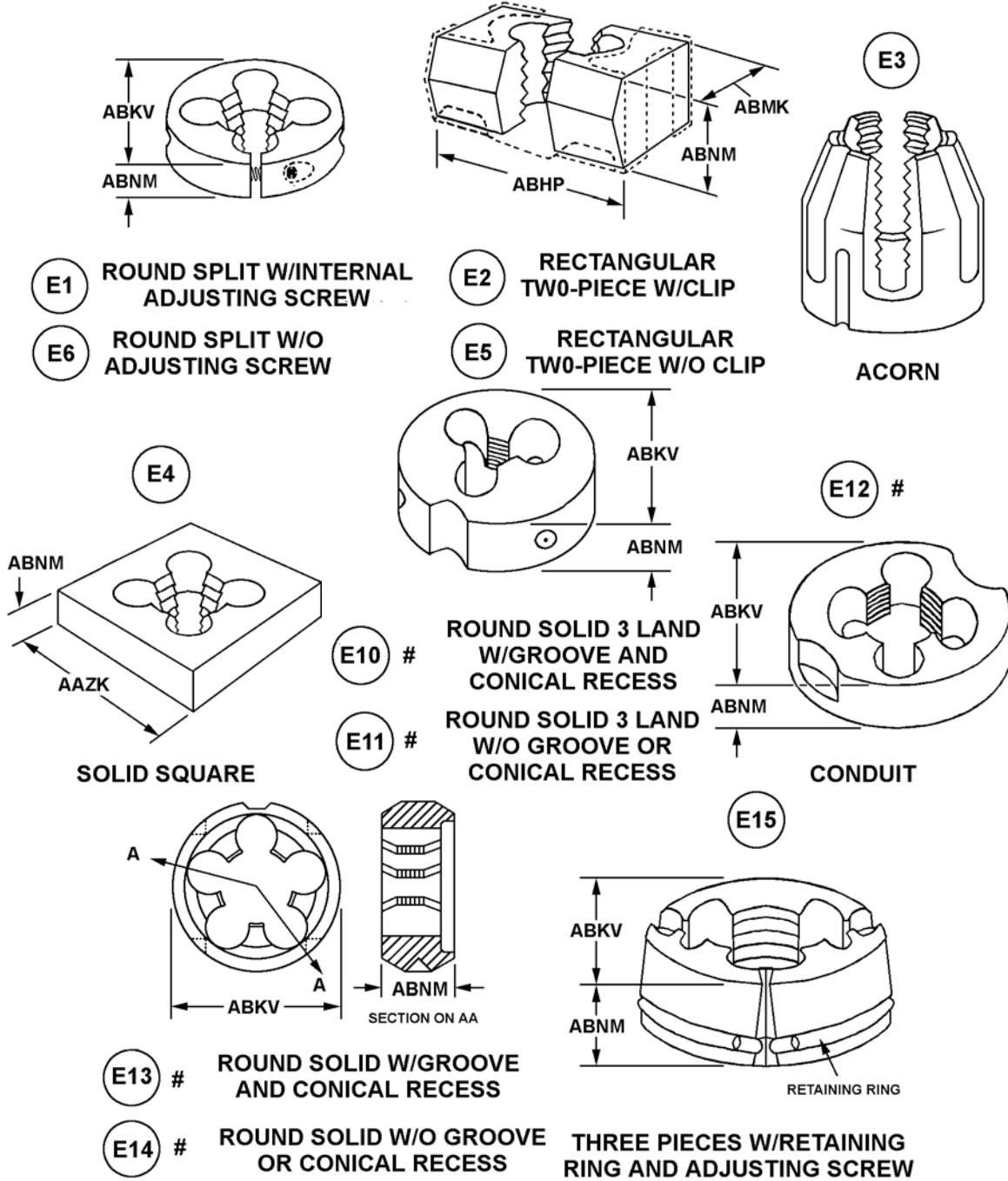
| <u>REPLY CODE</u> | <u>REPLY (AA05)</u> |
|-------------------|---------------------|
| A | INCHES |
| L | MILLIMETERS |

| <u>REPLY CODE</u> | <u>REPLY (AC20)</u> |
|-------------------|---------------------|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

| <u>MRC</u> | <u>Mode Code</u> | <u>Name of Dimension</u> |
|------------|------------------|--------------------------|
| AAZK | J | WIDTH ACROSS FLATS |
| ABHP | J | OVERALL LENGTH |
| ABKV | J | OUTSIDE DIAMETER |
| ABMK | J | OVERALL WIDTH |
| ABNM | J | THICKNESS |

REFERENCE DRAWING GROUP E

DIE, THREAD CLEANING; DIE, THREAD CUTTING



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APPENDIX B

REFERENCE DRAWING GROUP F Tables
DIE AND COLLET

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value.
(e.g., ABKVJAA0.750*; ABKVJLA38.1*; ABKVJAB0.500\$\$JAC0.750*)

| <u>REPLY CODE</u> | <u>REPLY (AA05)</u> |
|-------------------|---------------------|
| A | INCHES |
| L | MILLIMETERS |

| <u>REPLY CODE</u> | <u>REPLY (AC20)</u> |
|-------------------|---------------------|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

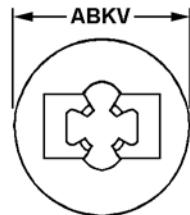
| <u>MRC</u> | <u>Mode Code</u> | <u>Name of Dimension</u> |
|------------|------------------|--------------------------|
| ABKV | J | OUTSIDE DIAMETER |

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REFERENCE DRAWING GROUP F

DIE AND COLLET

F1



ROUND W
RECTANGULAR DIE

FIIG A136
APPENDIX B

REFERENCE DRAWING GROUP H Tables
DIE HEAD, THREADING, SELF-OPENING

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value.
(e.g., AATRJAA0.750*; AATRJLA38.1*; AATRJAB0.500\$\$JAC0.750*)

| <u>REPLY CODE</u> | <u>REPLY (AA05)</u> |
|-------------------|---------------------|
| A | INCHES |
| L | MILLIMETERS |

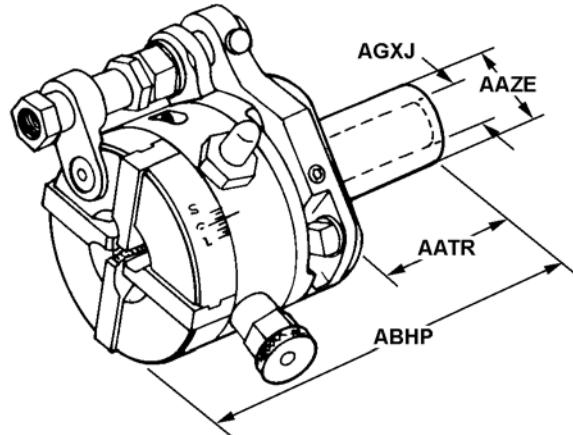
| <u>REPLY CODE</u> | <u>REPLY (AC20)</u> |
|-------------------|---------------------|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

| <u>MRC</u> | <u>Mode Code</u> | <u>Name of Dimension</u> |
|------------|------------------|--------------------------|
| AATR | J | SHANK LENGTH |
| AAZE | J | SHANK DIAMETER |
| ABHP | J | OVERALL LENGTH |
| AGXJ | J | SHANK BORE DIAMETER |

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APPENDIX B

REFERENCE DRAWING GROUP H

DIE HEAD, THREADING, SELF-OPENING



NOTE: REPLY TO MRC AGXJ FOR STYLE H1A ONLY

- (H1) THREADER W/SOLID SHANK
- (H1A) THREADER W/HOLLOW SHANK

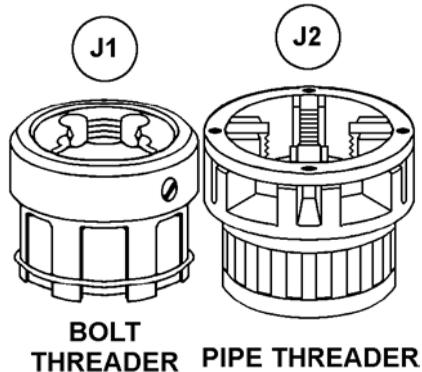
FIIG A136
APPENDIX B

FIIG A136
APPENDIX B

REFERENCE DRAWING GROUP J

DIE HEAD AND DIE, HAND

(No Requirements)



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APPENDIX B

REFERENCE DRAWING GROUP K Tables
RESTORER, THREAD

INDEX OF MASTER REQUIREMENT CODES

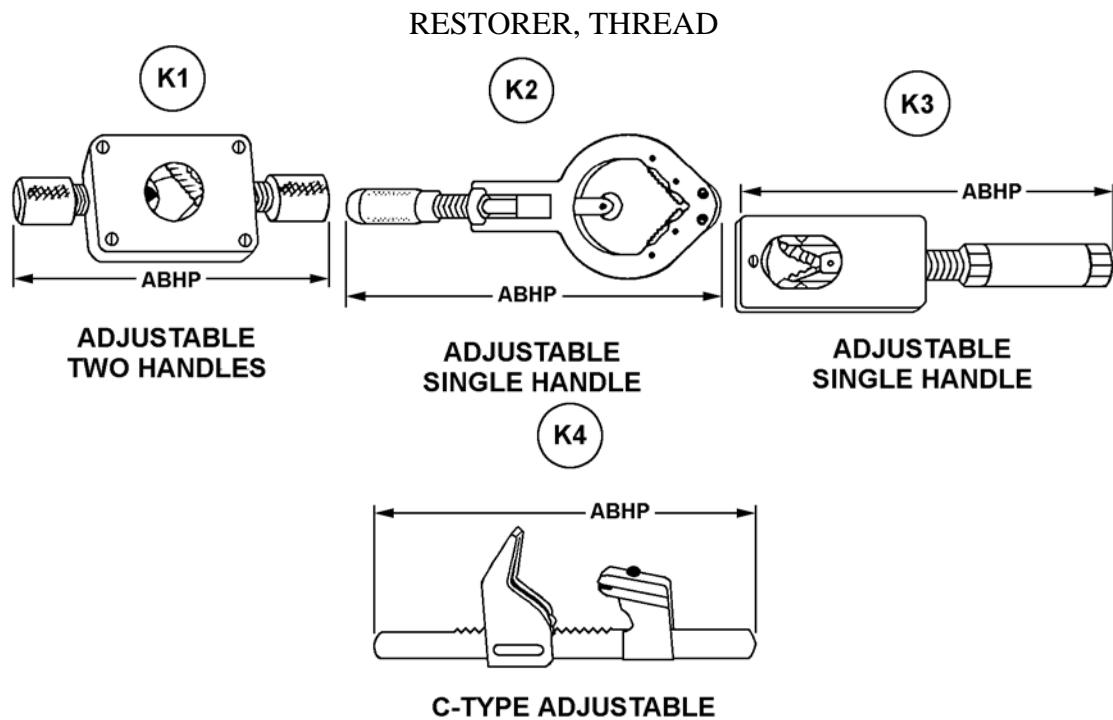
Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value.
(e.g., ABHPJAA0.750*; ABHPJLA38.1*; ABHPJAB0.500\$\$JAC0.750*)

| <u>REPLY CODE</u> | <u>REPLY (AA05)</u> |
|-------------------|---------------------|
| A | INCHES |
| L | MILLIMETERS |

| <u>REPLY CODE</u> | <u>REPLY (AC20)</u> |
|-------------------|---------------------|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

MRC Mode Code Name of Dimension
ABHP J OVERALL LENGTH

REFERENCE DRAWING GROUP K



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APPENDIX B

REFERENCE DRAWING GROUP M Tables
TAP, THREAD CLEANING; TAP, THREAD CUTTING

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value.
(e.g., ANNLJAA0.750*; ANNLJLA38.1*; ANNLJAB0.500\$\$JAC0.750*)

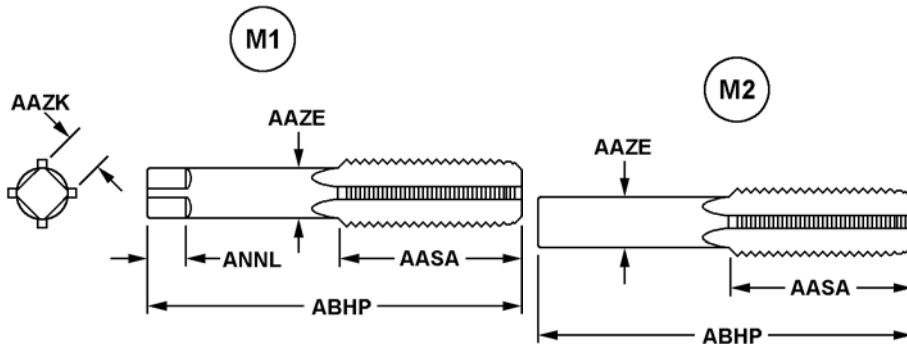
| <u>REPLY CODE</u> | <u>REPLY (AA05)</u> |
|-------------------|---------------------|
| A | INCHES |
| L | MILLIMETERS |

| <u>REPLY CODE</u> | <u>REPLY (AC20)</u> |
|-------------------|---------------------|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

| <u>MRC</u> | <u>Mode Code</u> | <u>Name of Dimension</u> |
|------------|------------------|--------------------------|
| AASA | J | THREAD LENGTH |
| AAZE | J | SHANK DIAMETER |
| AAZK | J | WIDTH ACROSS FLATS |
| ABHP | J | OVERALL LENGTH |
| ANNL | J | SQUARE END LENGTH |

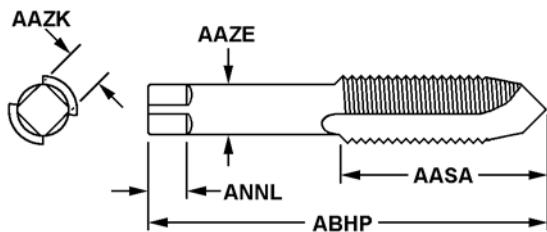
REFERENCE DRAWING GROUP M

TAP, THREAD CLEANING; TAP, THREAD CUTTING



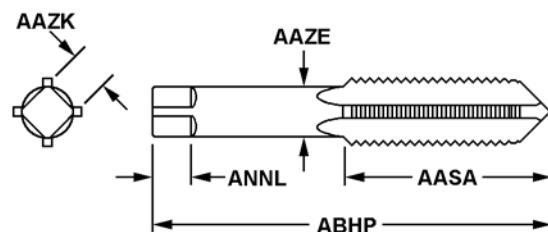
STRAIGHT FLUTE

M3



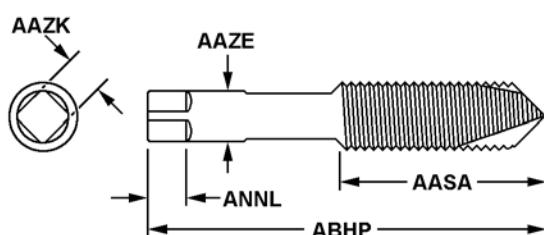
TAPPER STRAIGHT FLUTE

M4



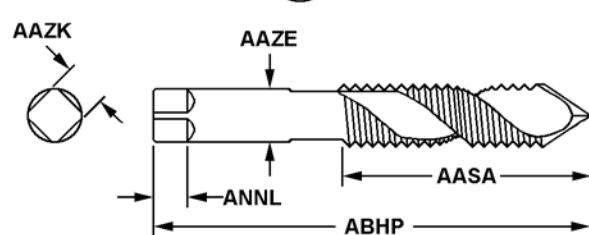
SPIRAL POINTED FLUTE

M5



STRAIGHT POINTED FLUTE

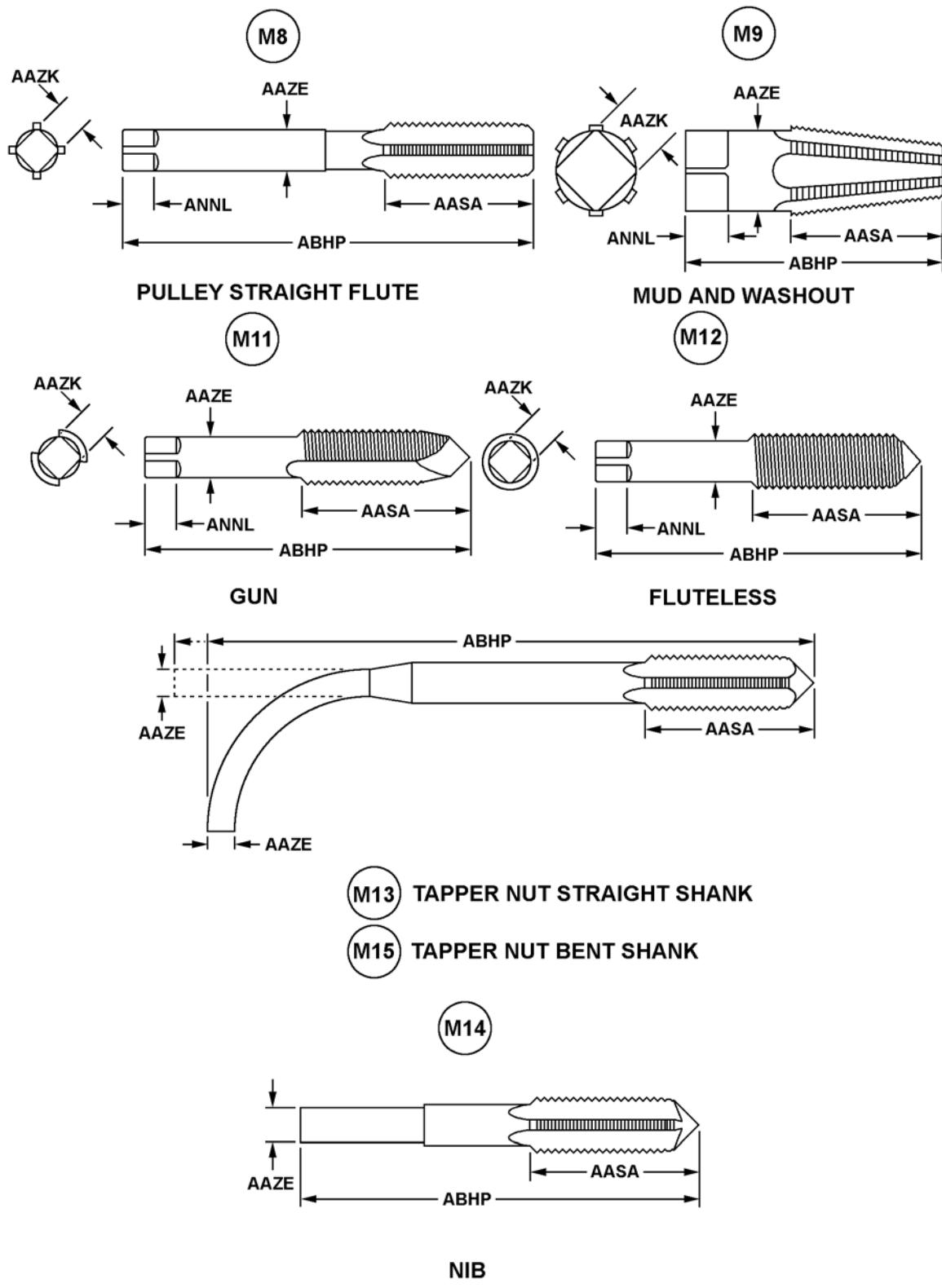
M6

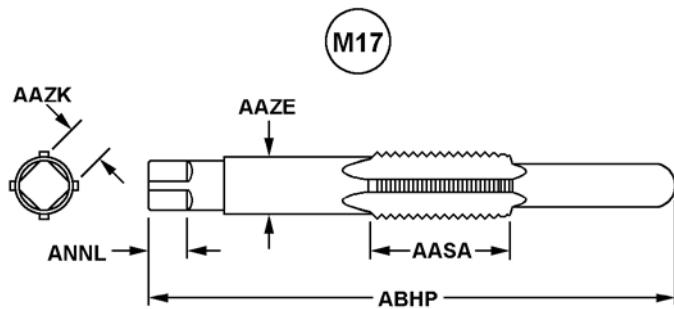


SHORT SPIRAL POINTED FLUTE

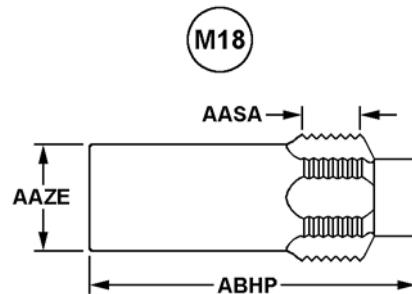
SPIRAL FLUTE

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APPENDIX B

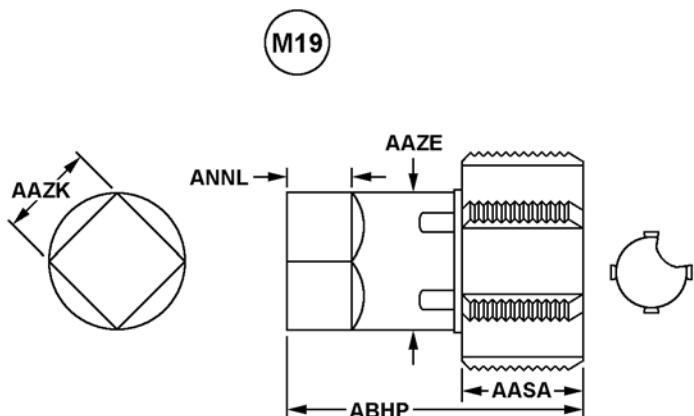




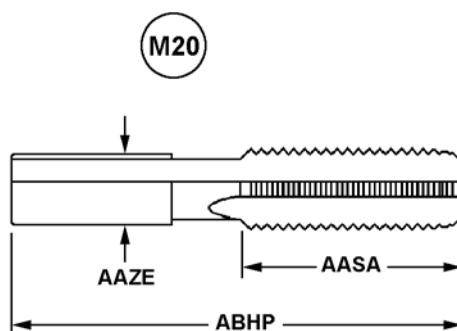
SOLID STAYBOLT



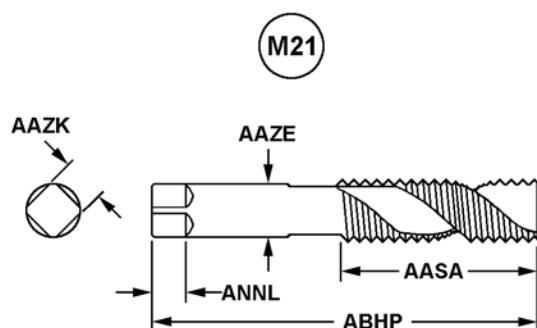
SOLID GUIDE



INSERTED CHASER PIPE



PERN



SPIRAL FLUTE

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APPENDIX B

REFERENCE DRAWING GROUP N Tables
TAP AND DRILL, COMBINATION, HAND

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value.
(e.g., AASAJAA0.750*; AASAJLA38.1*; AASAJAB0.500\$\$JAC0.750*)

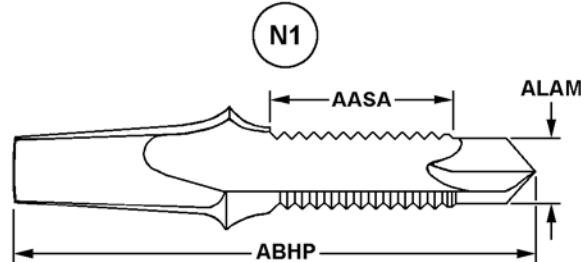
| <u>REPLY CODE</u> | <u>REPLY (AA05)</u> |
|-------------------|---------------------|
| A | INCHES |
| L | MILLIMETERS |

| <u>REPLY CODE</u> | <u>REPLY (AC20)</u> |
|-------------------|---------------------|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

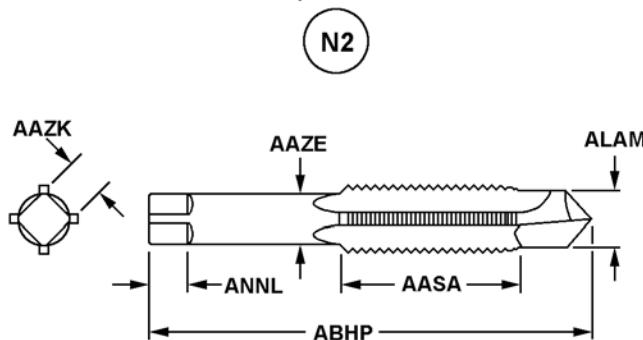
| <u>MRC</u> | <u>Mode Code</u> | <u>Name of Dimension</u> |
|------------|------------------|--------------------------|
| AASA | J | THREAD LENGTH |
| AAZE | J | SHANK DIAMETER |
| AAZK | J | WIDTH ACROSS FLATS |
| ABHP | J | OVERALL LENGTH |
| ACVS | J | SHANK THICKNESS |
| ALAM | J | DRILL DIAMETER |
| ANNL | J | SQUARE END LENGTH |

REFERENCE DRAWING GROUP N

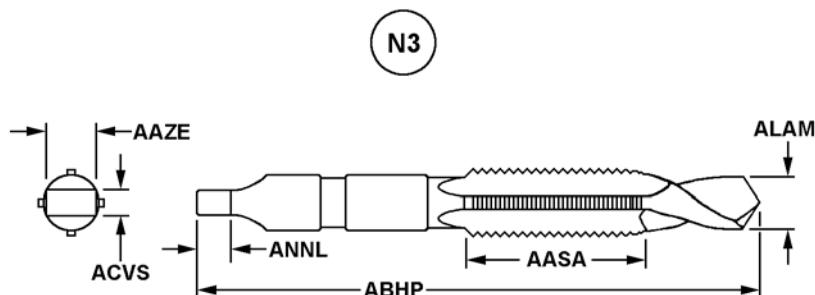
TAP AND DRILL, COMBINATION, HAND



TWIST DRILL, TAPER SHANK



TWIST DRILL, STRAIGHT SHANK



TWIST DRILL, TAPER W/TANG

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APPENDIX B

REFERENCE DRAWING GROUP P Tables
THREAD CUTTER, DIE HEAD, HAND

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value.
(e.g., ABHPJAA0.750*; ABHPJLA38.1*; ABHPJAB0.500\$\$JAC0.750*)

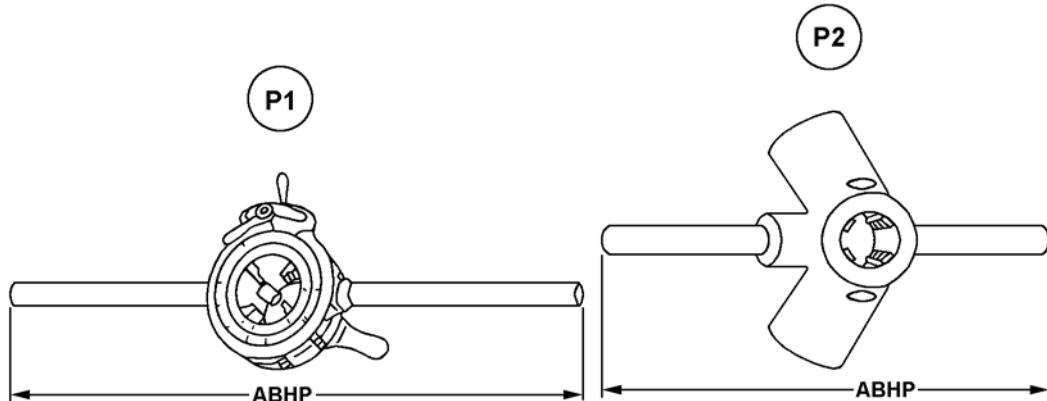
| <u>REPLY CODE</u> | <u>REPLY (AA05)</u> |
|-------------------|---------------------|
| A | INCHES |
| L | MILLIMETERS |

| <u>REPLY CODE</u> | <u>REPLY (AC20)</u> |
|-------------------|---------------------|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

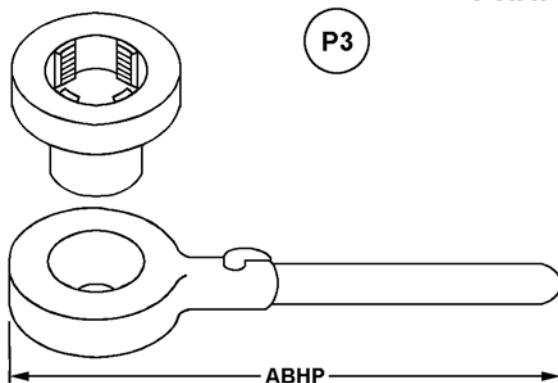
MRC Mode Code Name of Dimension
ABHP J OVERALL LENGTH

REFERENCE DRAWING GROUP P

THREAD CUTTER, DIE HEAD, HAND

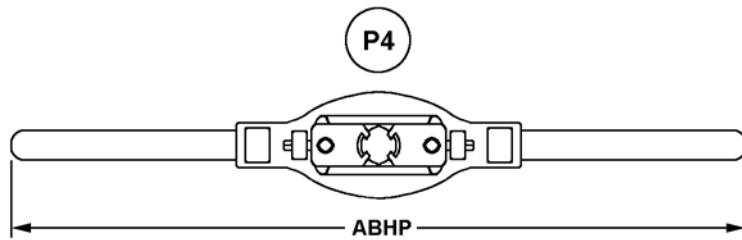


QUICK-OPENING DIESTOCK

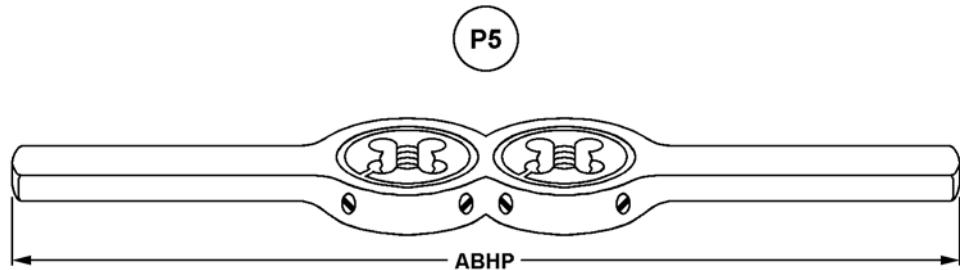


REPLACEABLE DIEHEADS

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APPENDIX B



RECTANGULAR DIES 2-HANDLES



DOUBLE TYPE STOCK INTEGRAL GUIDES

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APPENDIX B

REFERENCE DRAWING GROUP Q Tables
THREAD CUTTER, RECEDED SEGMENTAL DIE

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value.
(e.g., ABHPJAA0.750*; ABHPJLA38.1*; ABHPJAB0.500\$\$JAC0.750*)

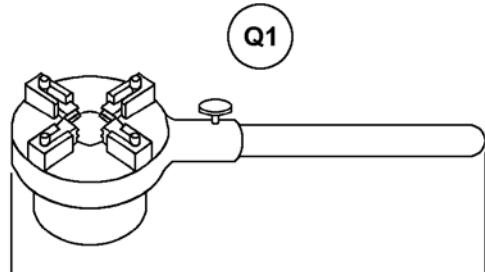
| <u>REPLY CODE</u> | <u>REPLY (AA05)</u> |
|-------------------|---------------------|
| A | INCHES |
| L | MILLIMETERS |

| <u>REPLY CODE</u> | <u>REPLY (AC20)</u> |
|-------------------|---------------------|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

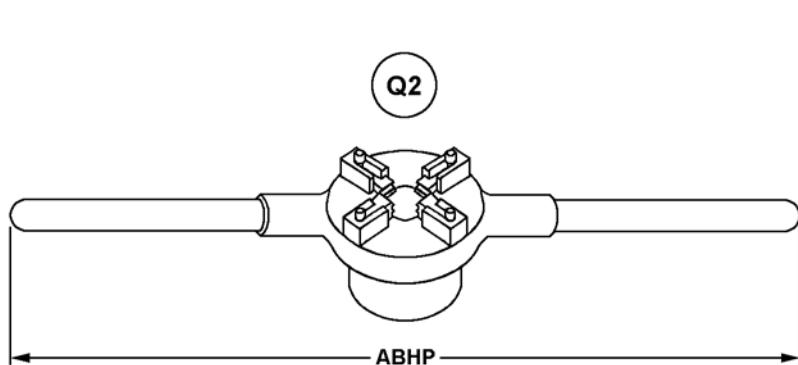
MRC Mode Code Name of Dimension
ABHP J OVERALL LENGTH

REFERENCE DRAWING GROUP Q

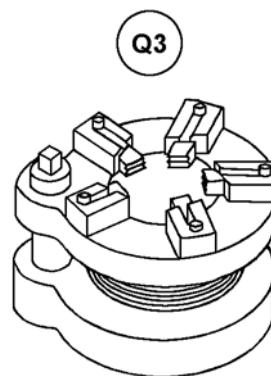
THREAD CUTTER, RECEDED SEGMENTAL DIE



ADJUSTABLE DIESTOCK



ADJUSTABLE DIESTOCK



GEARED DIESTOCK

Technical Data Tables

| | |
|---|----|
| STANDARD FRACTION TO DECIMAL CONVERSION CHART | 68 |
| SCREW THREAD SERIES DEFINITIONS | 69 |
| ISO METRIC SCREW THREAD SIZE/THREAD PITCH * | 70 |
| THREAD SIZE/SERIES | 71 |

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APPENDIX C

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APPENDIX C

STANDARD FRACTION TO DECIMAL CONVERSION CHART

| <u>4ths</u> | <u>8ths</u> | <u>16ths</u> | <u>32nds</u> | <u>64ths</u> | To 3 | To 4 | <u>4ths</u> | <u>8ths</u> | <u>16ths</u> | <u>32nds</u> | <u>64ths</u> | To 3 | To 4 | | | | | | | |
|-------------|-------------|--------------|--------------|--------------|-------|-------|-------------|-------------|--------------|--------------|--------------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | | | | 1/64 | .016 | .0156 | | | | | 33/64 | .516 | .5156 | | | | | | | |
| | | | | 1/32 | ----- | .031 | .0312 | | | 17/32 | ----- | .531 | .5312 | | | | | | | |
| | | | | 3/64 | .047 | .0469 | | | | | 35/64 | .547 | .5469 | | | | | | | |
| | | | | 1/16 | ----- | .062 | .0625 | | | 9/16 | ----- | ----- | .562 | .5625 | | | | | | |
| | | | | | 5/64 | .078 | .0781 | | | | 37/64 | .578 | .5781 | | | | | | | |
| | | | | | 3/32 | ----- | .094 | .0938 | | | 19/32 | ----- | .594 | .5938 | | | | | | |
| | | | | | 7/64 | .109 | .1094 | | | | 39/64 | .609 | .6094 | | | | | | | |
| | | | | | 1/8 | ----- | ----- | .125 | .1250 | 5/8 | ----- | ----- | .625 | .6250 | | | | | | |
| | | | | | | 9/64 | .141 | .1406 | | | | 41/64 | .641 | .6406 | | | | | | |
| | | | | | | 5/32 | ----- | .156 | .1562 | | | 21/32 | ----- | .656 | .6562 | | | | | |
| | | | | | | 11/64 | .172 | .1719 | | | | 43/64 | .672 | .6719 | | | | | | |
| | | | | | | 3/16 | ----- | ----- | .188 | .1875 | | 11/16 | ----- | .688 | .6875 | | | | | |
| | | | | | | | 13/64 | .203 | .2031 | | | | 45/64 | .703 | .7031 | | | | | |
| | | | | | | | 7/32 | ----- | .219 | .2188 | | | 23/32 | ----- | .719 | .7188 | | | | |
| | | | | | | | 15/64 | .234 | .2344 | | | | 47/64 | .734 | .7344 | | | | | |
| | | | | | | | 1/4 | ----- | ----- | .250 | .2500 | 3/4 | ----- | ----- | .750 | .7500 | | | | |
| | | | | | | | | 17/64 | .266 | .2656 | | | | 49/64 | .766 | .7656 | | | | |
| | | | | | | | | 9/32 | ----- | .281 | .2812 | | | 25/32 | ----- | .781 | .7812 | | | |
| | | | | | | | | 19/64 | .297 | .2969 | | | | 51/64 | .797 | .7969 | | | | |
| | | | | | | | | 5/16 | ----- | ----- | .312 | .3125 | | 13/16 | ----- | .812 | .8125 | | | |
| | | | | | | | | | 21/64 | .328 | .3281 | | | | 53/64 | .828 | .8281 | | | |
| | | | | | | | | | 11/32 | ----- | .344 | .3438 | | | 27/32 | ----- | .844 | .8438 | | |
| | | | | | | | | | 23/64 | .359 | .3594 | | | | 55/64 | .859 | .8594 | | | |
| | | | | | | | | | 3/8 | ----- | ----- | .375 | .3750 | 7/8 | ----- | ----- | .875 | .8750 | | |
| | | | | | | | | | | 25/64 | .391 | .3906 | | | | 57/64 | .891 | .8906 | | |
| | | | | | | | | | | 13/32 | ----- | .406 | .4062 | | | 29/32 | ----- | .906 | .9062 | |
| | | | | | | | | | | 27/64 | .422 | .4219 | | | | 59/64 | .922 | .9219 | | |
| | | | | | | | | | | 7/16 | ----- | ----- | .438 | .4375 | | 15/16 | ----- | .938 | .9375 | |
| | | | | | | | | | | | 29/64 | .453 | .4531 | | | | 61/64 | .953 | .9531 | |
| | | | | | | | | | | | 15/32 | ----- | .469 | .4688 | | | 31/32 | ----- | .969 | .9688 |
| | | | | | | | | | | | 31/64 | .484 | .4844 | | | | 63/64 | .984 | .9844 | |
| | | | | | | | | | | | | .500 | .5000 | | | | 1.000 | 1.0000 | | |

SCREW THREAD SERIES DEFINITIONS

| <u>ABBREVIATION</u> | <u>DEFINITIONS</u> |
|---------------------|---|
| ACME | ACME Thrsf Centeralizing |
| ANPT | Aeronautical National Form Taper Pipe Thread (MIL-P-7105) |
| BA | British Association Standard Thread |
| BSF | British Standard Fine Thread Series |
| BSP.F | British Standard Pipe Fastening |
| BSP.PL EXT | British Standard Pipe (Parallel) Thread (EXT) |
| BSP.PL INT | British Standard Pipe (Parallel) Thread (INT) |
| BSP.TR EXT | British Standard Taper Pipe Thread (EXT) |
| BSP.TR INT | British Standard Taper Pipe Thread (INT) |
| BSW | British Standard Whitworth Coarse Thread Series |
| BUTTRESS | American Buttress Thread |
| F-PTF | Dryseal Fine Thread Series |
| ISO M | SI (METRIC) Other Than Coarse |
| ISO S | SI (Metric) Coarse |
| NGO | National Gas Outlet Thread |
| NGS | National Gas Straight Thread |
| NGT | National Gas Taper Thread (See SGT) |
| NH | Anerucan National Hose Couplings & Fire Hose Couplings |
| NPS | American Standard Straight Pipe Thread |
| NPSC | American Standard Straight Pipe Thread in Pipe Couplings |
| NPSF | Dryseal American Standard Internal Straight Pipe Thread (FUEL) |
| NPSH | American Standard Straight Pipe Thread for Hose Coupling and Nipples |
| NPSI | Dryseal American Standard Intermediate Internal Straight Pipe Thread |
| NPSL | American Standard Straight Pipe Thread for Loose- Fitting Mechanical Joints with Locknuts |
| NPSM | American Standard Straight Pipe Thread for Free- Fitting Mechanical Joints for Fixtures |
| NPT | American Standard Taper Pipe Thread |
| NPTF | Dryseal American Standard Taper Pipe Thread (FUEL) |
| NPTR | American Standard Taper Pipe Thread for Railing Joints |
| PTF-SAE SHORT | Dryseal SAE Short Taper Pipe Thread |
| PTF-SPL | Dryseal Special Diameter Pitch Combination Pipe Thread |
| PTF-SPL EXTRA | Dryseal Special Extra Short Taper Pipe Thread |
| SHORT | |
| PTF-SPL SHORT | Dryseal Special Short Taper Pipe Thread |
| STI | Special Thread for Helical Coil Wire Screw Thread Inserts |
| UN | Unified Constant Pitch Thread Series |
| UNC | Unified Coarse Thread Series |
| UNEF | Unified Extra-Fine Thread Series |

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| <u>ABBREVIATION</u> | <u>DEFINITIONS</u> |
|---------------------|--|
| UNF | Unified Fine Thread Series |
| UNJ | Unified National J (8, 12, AND 16 Pitch) |
| UNJC | Unified National J Coarse |
| UNJEF | Unified National J Extra Fine |
| UNJF | Unified National J Fine |
| UNM | Unified Minature Thread Series |
| UNS | Unified National Special |
| WHIT | Whitworth Standard Special Thread |

ISO METRIC SCREW THREAD SIZE/THREAD PITCH *

| <u>SIZE IN MM</u> <u>(BASIC MAJOR DIAMETER)</u> | <u>PITCH IN MM</u> | | |
|--|--------------------|-------------|---------------|
| | <u>ISO-M</u> | | <u>ISO-S</u> |
| | <u>COARSE</u> | <u>FINE</u> | <u>COARSE</u> |
| 0.25 | --- | --- | 0.075 |
| 0.3 | --- | --- | 0.08 |
| 0.35 | --- | --- | 0.09 |
| 0.4 | --- | --- | 0.1 |
| 0.45 | --- | --- | 0.1 |
| 0.5 | --- | --- | 0.125 |
| 0.55 | --- | --- | 0.125 |
| 0.6 | --- | --- | 0.15 |
| 0.7 | --- | --- | 0.175 |
| 0.8 | --- | --- | 0.2 |
| 0.9 | --- | --- | 0.225 |
| 1.0 | --- | --- | 0.25 |
| 1.1 | --- | --- | 0.25 |
| 1.2 | --- | --- | 0.25 |
| 1.4 | --- | --- | 0.30 |
| 1.6 | --- | --- | 0.35 |
| 1.8 | --- | --- | 0.35 |
| 2.0 | --- | --- | 0.40 |
| 2.2 | --- | --- | 0.45 |
| 2.5 | --- | --- | 0.45 |
| 3.0 | --- | --- | 0.50 |
| 3.5 | --- | --- | 0.60 |
| 4.0 | --- | --- | 0.70 |
| 4.5 | --- | --- | 0.75 |
| 5.0 | --- | --- | 0.80 |
| 6.0 | 1.00 | --- | ---- |
| 7.0 | 1.00 | --- | ---- |

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| | | | |
|------|------|------|------|
| 8.0 | 1.25 | 1.00 | ---- |
| 10.0 | 1.50 | 1.25 | ---- |
| 12.0 | 1.75 | 1.25 | ---- |
| 14.0 | 2.00 | 1.50 | ---- |
| 16.0 | 2.00 | 1.50 | ---- |
| 18.0 | 2.50 | 1.50 | ---- |
| 20.0 | 2.50 | 1.50 | ---- |
| 22.0 | 2.50 | 1.50 | ---- |
| 24.0 | 3.00 | 2.00 | ---- |
| 27.0 | 3.00 | 2.00 | ---- |
| 30.0 | 3.50 | 2.00 | ---- |
| 33.0 | 3.50 | 2.00 | ---- |
| 36.0 | 4.00 | 3.00 | ---- |
| 39.0 | 4.00 | 3.00 | ---- |

ISO METRIC THREADS ARE DESIGNATED BY A LETTER (M OR S), FOLLOWED BY THE SIZE AND PITCH IN MILLIMETERS, AS SHOWN BELOW. WHERE THERE IS NO INDICATION OF PITCH, THE COARSE PITCH IS IMPLIED.

EXAMPLES: M6X1 (INDICATES 6-MM DIAMETER, 1-MM PITCH); S2 (INDICATES 2-MM DIAMETER, COARSE (0.4) PITCH)

M6X1 (INDICATES 6-MM DIAMETER, 1-MM PITCH);

S2 (INDICATES 2-MM DIAMETER, COARSE (0.4) PITCH)

* Adapted from SCREW THREAD STANDARDS FOR FEDERAL SERVICES (1957), Handbook H28, Part III, Table 14.2.

THREAD SIZE/SERIES

| <u>Nominal Size and Threads Per Inch</u> | <u>Thread Series</u> |
|--|----------------------|
| 0-80 OR .060-80 | UNF |
| 1-64 OR .073-64 | UNC |
| 1-72 OR .073-72 | UNF |
| 2-56 OR .086-56 | UNC |
| 2-64 OR .086-64 | UNF |
| 3-48 OR .099-48 | UNC |
| 3-56 OR .099-56 | UNF |

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APPENDIX C

| | |
|---------------------|------|
| 4-40 OR .112-40 | UNC |
| 4-48 OR .112-48 | UNF |
| 5-40 OR .125-40 | UNC |
| 5-44 OR .125-44 | UNF |
| 6-32 OR .138-32 | UNC |
| 6-40 OR .138-40 | UNF |
| 8-32 OR .164-32 | UNC |
| 8-36 OR .164-36 | UNF |
| 10-24 OR .190-24 | UNC |
| 10-28 OR .190-28 | UNS |
| 10-32 OR .190-32 | UNF |
| 10-36 OR .190-36 | UNS |
| 10-40 OR .190-40 | UNS |
| 10-48 OR .190-48 | UNS |
| 10-56 OR .190-56 | UNS |
| 12-24 OR .216-24 | UNC |
| 12-28 OR .216-28 | UNF |
| 12-32 OR .216-32 | UNEF |
| 12-36 OR .216-36 | UNS |
| 12-40 OR .216-40 | UNS |
| 12-48 OR .216-48 | UNS |
| 12-56 OR .216-56 | UNS |
| 1/4-20 OR .250-20 | UNC |
| 1/4-24 OR .250-24 | UNS |
| 1/4-27 OR .250-27 | UNS |
| 1/4-28 OR .250-28 | UNF |
| 1/4-32 OR .250-32 | UNEF |
| 1/4-36 OR .250-36 | UNS |
| 1/4-40 OR .250-40 | UNS |
| 1/4-48 OR .250-48 | UNS |
| 1/4-56 OR .250-56 | UNS |
| 5/16-18 OR .3125-18 | UNC |
| 5/16-20 OR .3125-20 | UN |
| 5/16-24 OR .3125-24 | UNF |
| 5/16-27 OR .3125-27 | UNS |
| 5/16-28 OR .3125-28 | UN |
| 5/16-32 OR .3125-32 | UNEF |
| 5/16-36 OR .3125-36 | UNS |
| 5/16-40 OR .3125-40 | UNS |
| 5/16-48 OR .3125-48 | UNS |
| 3/8-16 OR .375-16 | UNC |
| 3/8-18 OR .375-18 | UNS |
| 3/8-20 OR .375-20 | UN |
| 3/8-24 OR .375-24 | UNF |
| 3/8-27 OR .375-27 | UNS |
| 3/8-28 OR .375-28 | UN |

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APPENDIX C

| | |
|---------------------|------|
| 3/8-32 OR .375-32 | UNEF |
| 3/8-36 OR .375-36 | UNS |
| 3/8-40 OR .375-40 | UNS |
| .390-27 | UNS |
| 7/16-14 OR .4375-14 | UNC |
| 7/16-16 OR .4375-16 | UN |
| 7/16-18 OR .4375-18 | UNS |
| 7/16-20 OR .4375-20 | UNF |
| 7/16-24 OR .4375-24 | UNS |
| 7/16-27 OR .4375-27 | UNS |
| 7/16-28 OR .4375-28 | UNEF |
| 7/16-32 OR .4375-32 | UN |
| 7/16-36 OR .4375-36 | UNS |
| 7/16-40 OR .4375-40 | UNS |
| 1/2-12 OR .500-12 | UNS |
| 1/2-13 OR .500-13 | UNC |
| 1/2-14 OR .500-14 | UNS |
| 1/2-16 OR .500-16 | UN |
| 1/2-18 OR .500-18 | UNS |
| 1/2-20 OR .500-20 | UNF |
| 1/2-24 OR .500-24 | UNS |
| 1/2-27 OR .500-27 | UNS |
| 1/2-28 OR .500-28 | UNEF |
| 1/2-32 OR .500-32 | UN |
| 1/2-36 OR .500-36 | UNS |
| 1/2-40 OR .500-40 | UNS |
| 9/16-12 OR .5625-12 | UNC |
| 9/16-14 OR .5625-14 | UNS |
| 9/16-16 OR .5625-16 | UN |
| 9/16-18 OR .5625-18 | UNF |
| 9/16-20 OR .5625-20 | UN |
| 9/16-24 OR .5625-24 | UNEF |
| 9/16-27 OR .5625-27 | UNS |
| 9/16-28 OR .5625-28 | UN |
| 9/16-32 OR .5625-32 | UN |
| 9/16-36 OR .5625-36 | UNS |
| 9/16-40 OR .5625-40 | UNS |
| 5/8-11 OR .625-11 | UNC |
| 5/8-12 OR .625-12 | UN |
| 5/8-14 OR .625-14 | UNS |
| 5/8-16 OR .625-16 | UN |
| 5/8-18 OR .625-18 | UNF |
| 5/8-24 OR .625-24 | UNEF |
| 5/8-27 OR .625-27 | UNS |
| 5/8-28 OR .625-28 | UN |
| 5/8-32 OR .625-32 | UN |

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| | |
|----------------------|------|
| 5/8-36 OR .625-36 | UNS |
| 11/16-12 OR .6875-12 | UN |
| 11/16-16 OR .6875-16 | UN |
| 11/16-20 OR .6875-20 | UN |
| 11/16-24 OR .6875-24 | UNEF |
| 11/16-28 OR .6875-28 | UN |
| 11/16-32 OR .6875-32 | UN |
| 3/4-10 OR .750-10 | UNC |
| 3/4-12 OR .750-12 | UN |
| 3/4-14 OR .750-14 | UNS |
| 3/4-16 OR .750-16 | UNF |
| 3/4-18 OR .750-18 | UNS |
| 3/4-20 OR .750-20 | UNEF |
| 3/4-24 OR .750-24 | UNS |
| 3/4-27 OR .750-27 | UNS |
| 3/4-28 OR .750-28 | UN |
| 3/4-32 OR .750-32 | UN |
| 3/4-36 OR .750-36 | UNS |
| 3/4-40 OR .750-40 | UNS |
| 13/16-12 OR .8125-12 | UN |
| 13/16-16 OR .8125-16 | UN |
| 13/16-20 OR .8125-20 | UNEF |
| 13/16-28 OR .8125-28 | UN |
| 13/16-32 OR .8125-32 | UN |
| 7/8-9 OR .875-9 | UNC |
| 7/8-10 OR .875-10 | UNS |
| 7/8-12 OR .875-12 | UN |
| 7/8-14 OR .875-14 | UNF |
| 7/8-16 OR .875-16 | UN |
| 7/8-18 OR .875-18 | UNS |
| 7/8-20 OR .875-20 | UNEF |
| 7/8-24 OR .875-24 | UNS |
| 7/8-27 OR .875-27 | UNS |
| 7/8-28 OR .875-28 | UN |
| 7/8-32 OR .875-32 | UN |
| 7/8-36 OR .875-36 | UNS |
| 7/8-40 OR .875-40 | UNS |
| 15/16-12 OR .9375-12 | UN |
| 15/16-16 OR .9375-16 | UN |
| 15/16-20 OR .9375-20 | UNEF |
| 15/16-28 OR .9375-28 | UN |
| 15/16-32 OR .9375-32 | UN |
| 1-8 OR 1.000-8 | UNC |
| 1-10 OR 1.000-10 | UNS |
| 1-12 OR 1.000-12 | UNF |
| 1-14 OR 1.000-14 | UNS |

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APPENDIX C

| | |
|------------------------|------|
| 1-16 OR 1.000-16 | UN |
| 1-18 OR 1.000-18 | UNS |
| 1-20 OR 1.000-20 | UNEF |
| 1-24 OR 1.000-24 | UNS |
| 1-27 OR 1.000-27 | UNS |
| 1-28 OR 1.000-28 | UN |
| 1-32 OR 1.000-32 | UN |
| 1-36 OR 1.000-36 | UNS |
| 1-40 OR 1.000-40 | UNS |
| 1 1/16-8 OR 1.0625-8 | UN |
| 1 1/16-12 OR 1.0625-12 | UN |
| 1 1/16-16 OR 1.0625-16 | UN |
| 1 1/16-18 OR 1.0625-18 | UNEF |
| 1 1/16-20 OR 1.0625-20 | UN |
| 1 1/16-28 OR 1.0625-28 | UN |
| 1 1/8-7 OR 1.125-7 | UNC |
| 1 1/8-8 OR 1.125-8 | UN |
| 1 1/8-10 OR 1.125-10 | UNS |
| 1 1/8-12 OR 1.125-12 | UNF |
| 1 1/8-14 OR 1.125-14 | UNS |
| 1 1/8-16 OR 1.125-16 | UN |
| 1 1/8-18 OR 1.125-18 | UNEF |
| 1 1/8-20 OR 1.125-20 | UN |
| 1 1/8-24 OR 1.125-24 | UNS |
| 1 1/8-28 OR 1.125-28 | UN |
| 1 3/16-8 OR 1.188-8 | UN |
| 1 3/16-12 OR 1.188-12 | UN |
| 1 3/16-16 OR 1.188-16 | UN |
| 1 3/16-18 OR 1.188-18 | UNEF |
| 1 3/16-20 OR 1.188-20 | UN |
| 1 3/16-28 OR 1.188-28 | UN |
| 1 1/4-7 OR 1.250-7 | UNC |
| 1 1/4-8 OR 1.250-8 | UN |
| 1 1/4-10 OR 1.250-10 | UNS |
| 1 1/4-12 OR 1.250-12 | UNF |
| 1 1/4-14 OR 1.250-14 | UNS |
| 1 1/4-16 OR 1.250-16 | UN |
| 1 1/4-18 OR 1.250-18 | UNEF |
| 1 1/4-20 OR 1.250-20 | UN |
| 1 1/4-24 OR 1.250-24 | UNS |
| 1 1/4-28 OR 1.250-28 | UN |
| 1 5/16-8 OR 1.312-8 | UN |
| 1 5/16-12 OR 1.312-12 | UN |
| 1 5/16-16 OR 1.312-16 | UN |
| 1 5/16-18 OR 1.312-18 | UNEF |
| 1 5/16-20 OR 1.312-20 | UN |

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| | |
|------------------------|------|
| 1 5/16-28 OR 1.312-28 | UN |
| 1 3/8-6 OR 1.375-6 | UNC |
| 1 3/8-8 OR 1.375-8 | UN |
| 1 3/8-10 OR 1.375-10 | UNS |
| 1 3/8-12 OR 1.375-12 | UNF |
| 1 3/8-14 OR 1.375-14 | UNS |
| 1 3/8-16 OR 1.375-16 | UN |
| 1 3/8-18 OR 1.375-18 | UNEF |
| 1 3/8-20 OR 1.375-20 | UN |
| 1 3/8-24 OR 1.375-24 | UNS |
| 1 3/8-28 OR 1.375-28 | UN |
| 1 7/16-6 OR 1.4375-6 | UN |
| 1 7/16-8 OR 1.438-8 | UN |
| 1 7/16-12 OR 1.438-12 | UN |
| 1 7/16-16 OR 1.438-16 | UN |
| 1 7/16-18 OR 1.438-18 | UNEF |
| 1 7/16-20 OR 1.438-20 | UN |
| 1 7/16-28 OR 1.438-28 | UN |
| 1 1/2-6 OR 1.500-6 | UNC |
| 1 1/2-8 OR 1.500-8 | UN |
| 1 1/2-10 OR 1.500-10 | UNS |
| 1 1/2-12 OR 1.500-12 | UNF |
| 1 1/2-14 OR 1.500-14 | UNS |
| 1 1/2-16 OR 1.500-16 | UN |
| 1 1/2-18 OR 1.500-18 | UNEF |
| 1 1/2-20 OR 1.500-20 | UN |
| 1 1/2-24 OR 1.500-24 | UNS |
| 1 1/2-28 OR 1.500-28 | UN |
| 1 9/16-6 OR 1.562-6 | UN |
| 1 9/16-8 OR 1.562-8 | UN |
| 1 9/16-12 OR 1.562-12 | UN |
| 1 9/16-16 OR 1.562-16 | UN |
| 1 9/16-18 OR 1.562-18 | UNEF |
| 1 9/16-20 OR 1.562-20 | UN |
| 1 5/8-6 OR 1.625-6 | UN |
| 1 5/8-8 OR 1.625-8 | UN |
| 1 5/8-10 OR 1.625-10 | UNS |
| 1 5/8-12 OR 1.625-12 | UN |
| 1 5/8-14 OR 1.625-14 | UNS |
| 1 5/8-16 OR 1.625-16 | UN |
| 1 5/8-18 OR 1.625-18 | UNEF |
| 1 5/8-20 OR 1.625-20 | UN |
| 1 5/8-24 OR 1.625-24 | UNS |
| 1 11/16-6 OR 1.688-6 | UN |
| 1 11/16-8 OR 1.688-8 | UN |
| 1 11/16-12 OR 1.688-12 | UN |

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APPENDIX C

| | |
|--------------------------|------|
| 1 11/16-16 OR 1.688-16 | UN |
| 1 11/16-18 OR 1.688-18 | UNEF |
| 1 11/16-20 OR 1.688-20 | UN |
| 1 3/4-5 OR 1.750-5 | UNC |
| 1 3/4-6 OR 1.750-6 | UN |
| 1 3/4-8 OR 1.750-8 | UN |
| 1 3/4-10 OR 1.750-10 | UNS |
| 1 3/4-12 OR 1.750-12 | UN |
| 1 3/4-14 OR 1.750-14 | UNS |
| 1 3/4-16 OR 1.750-16 | UN |
| 1 3/4-20 OR 1.750-20 | UN |
| 1 13/16-6 OR 1.812-6 | UN |
| 1 13/16-8 OR 1.812-8 | UN |
| 1 13/16-12 OR 1.812-12 | UN |
| 1 13/16-16 OR 1.812-16 | UN |
| 1 13/16-20 OR 1.812-20 | UN |
| 1 7/8-6 OR 1.875-6 | UN |
| 1 7/8-8 OR 1.875-8 | UN |
| 1 7/8-10 OR 1.875-10 | UNS |
| 1 7/8-12 OR 1.875-12 | UN |
| 1 7/8-14 OR 1.875-14 | UNS |
| 1 7/8-16 OR 1.875-16 | UN |
| 1 7/8-18 OR 1.875-18 | UNS |
| 1 7/8-20 OR 1.875-20 | UN |
| 1 15/16-6 OR 1.938-6 | UN |
| 1 15/16-8 OR 1.938-8 | UN |
| 1 15/16-12 OR 1.938-12 | UN |
| 1 15/16-16 OR 1.938-16 | UN |
| 1 15/16-20 OR 1.938-20 | UN |
| 2-4 1/2 OR 2.000-4.5 | UNC |
| 2-6 OR 2.000-6 | UN |
| 2-8 OR 2.000-8 | UN |
| 2-10 OR 2.000-10 | UN |
| 2-12 OR 2.000-12 | UN |
| 2-14 OR 2.000-14 | UNS |
| 2-16 OR 2.000-16 | UN |
| 2-18 OR 2.000-18 | UNS |
| 2-20 OR 2.000-20 | UN |
| 2 1/16-16 OR 2.062-16 | UNS |
| 2 1/8-6 OR 2.125-6 | UN |
| 2 1/8-8 OR 2.125-8 | UN |
| 2 1/8-12 OR 2.125-12 | UN |
| 2 1/8-16 OR 2.125-16 | UN |
| 2 1/8-20 OR 2.125-20 | UN |
| 2 3/16-16 OR 2.188-16 | UNS |
| 2 1/4-4 1/2 OR 2.250-4.5 | UNC |

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APPENDIX C

| | |
|-----------------------|-----|
| 2 1/4-6 OR 2.250-6 | UN |
| 2 1/4-8 OR 2.250-8 | UN |
| 2 1/4-10 OR 2.250-10 | UNS |
| 2 1/4-12 OR 2.250-12 | UN |
| 2 1/4-14 OR 2.250-14 | UN |
| 2 1/4-16 OR 2.250-16 | UN |
| 2 1/4-18 OR 2.250-18 | UNS |
| 2 1/4-20 OR 2.250-20 | UN |
| 2 5/16-16 OR 2.312-16 | UNS |
| 2 3/8-6 OR 2.375-6 | UN |
| 2 3/8-8 OR 2.375-8 | UN |
| 2 3/8-12 OR 2.375-12 | UN |
| 2 3/8-16 OR 2.375-16 | UN |
| 2 3/8-20 OR 2.375-20 | UN |
| 2 7/16-16 OR 2.438-16 | UNS |
| 2 1/2-4 OR 2.500-4 | UNC |
| 2 1/2-6 OR 2.500-6 | UN |
| 2 1/2-8 OR 2.500-8 | UN |
| 2 1/2-10 OR 2.500-10 | UNS |
| 2 1/2-12 OR 2.500-12 | UN |
| 2 1/2-14 OR 2.500-14 | UNS |
| 2 1/2-16 OR 2.500-16 | UN |
| 2 1/2-18 OR 2.500-18 | UNS |
| 2 1/2-20 OR 2.500-20 | UN |
| 2 5/8-6 OR 2.625-6 | UN |
| 2 5/8-8 OR 2.625-8 | UN |
| 2 5/8-12 OR 2.625-12 | UN |
| 2 5/8-16 OR 2.625-16 | UN |
| 2 5/8-20 OR 2.625-20 | UN |
| 2 3/4-4 OR 2.750-4 | UNC |
| 2 3/4-6 OR 2.750-6 | UN |
| 2 3/4-8 OR 2.750-8 | UN |
| 2 3/4-10 OR 2.750-10 | UNS |
| 2 3/4-12 OR 2.750-12 | UN |
| 2 3/4-14 OR 2.750-14 | UNS |
| 2 3/4-16 OR 2.750-16 | UN |
| 2 3/4-18 OR 2.750-18 | UNS |
| 2 3/4-20 OR 2.750-20 | UN |
| 2 7/8-6 OR 2.875-6 | UN |
| 2 7/8-8 OR 2.875-8 | UN |
| 2 7/8-12 OR 2.875-12 | UN |
| 2 7/8-16 OR 2.875-16 | UN |
| 2 7/8-20 OR 2.875-20 | UN |
| 3-4 OR 3.000-4 | UNC |
| 3-6 OR 3.000-6 | UN |
| 3-8 OR 3.000-8 | UN |

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| | |
|----------------------|-----|
| 3-10 OR 3.000-10 | UNS |
| 3-12 OR 3.000-12 | UN |
| 3-14 OR 3.000-14 | UNS |
| 3-16 OR 3.000-16 | UN |
| 3-18 OR 3.000-18 | UNS |
| 3-20 OR 3.000-20 | UN |
| 3 1/8-6 OR 3.125-6 | UN |
| 3 1/8-8 OR 3.125-8 | UN |
| 3 1/8-12 OR 3.125-12 | UN |
| 3 1/8-16 OR 3.125-16 | UN |
| 3 1/4-4 OR 3.250-4 | UNC |
| 3 1/4-6 OR 3.250-6 | UN |
| 3 1/4-8 OR 3.250-8 | UN |
| 3 1/4-10 OR 3.250-10 | UNS |
| 3 1/4-12 OR 3.250-12 | UN |
| 3 1/4-14 OR 3.250-14 | UNS |
| 3 1/4-16 OR 3.250-16 | UN |
| 3 1/4-18 OR 3.250-18 | UNS |
| 3 3/8-6 OR 3.375-6 | UN |
| 3 3/8-8 OR 3.375-8 | UN |
| 3 3/8-12 OR 3.375-12 | UN |
| 3 3/8-16 OR 3.375-16 | UN |
| 3 1/2-4 OR 3.500-4 | UNC |
| 3 1/2-6 OR 3.500-6 | UN |
| 3 1/2-8 OR 3.500-8 | UN |
| 3 1/2-10 OR 3.500-10 | UNS |
| 3 1/2-12 OR 3.500-12 | UN |
| 3 1/2-14 OR 3.500-14 | UNS |
| 3 1/2-16 OR 3.500-16 | UN |
| 3 1/2-18 OR 3.500-18 | UNS |
| 3 5/8-6 OR 3.625-6 | UN |
| 3 5/8-8 OR 3.625-8 | UN |
| 3 5/8-12 OR 3.625-12 | UN |
| 3 5/8-16 OR 3.625-16 | UN |
| 3 3/4-4 OR 3.750-4 | UNC |
| 3 3/4-6 OR 3.750-6 | UN |
| 3 3/4-8 OR 3.750-8 | UN |
| 3 3/4-10 OR 3.750-10 | UNS |
| 3 3/4-12 OR 3.750-12 | UN |
| 3 3/4-14 OR 3.750-14 | UNS |
| 3 3/4-16 OR 3.750-16 | UN |
| 3 3/4-18 OR 3.750-18 | UNS |
| 3 7/8-6 OR 3.875-6 | UN |
| 3 7/8-8 OR 3.875-8 | UN |
| 3 7/8-12 OR 3.875-12 | UN |
| 3 7/8-16 OR 3.875-16 | UN |

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APPENDIX C

| | |
|----------------------|-----|
| 4-4 OR 4.000-4 | UNC |
| 4-6 OR 4.000-6 | UN |
| 4-8 OR 4.000-8 | UN |
| 4-10 OR 4.000-10 | UNS |
| 4-12 OR 4.000-12 | UN |
| 4-14 OR 4.000-14 | UNS |
| 4-16 OR 4.000-16 | UN |
| 4 1/8-4 OR 4.125-4 | UN |
| 4 1/8-12 OR 4.125-12 | UN |
| 4 1/8-16 OR 4.125-16 | UN |
| 4 1/4-4 OR 4.250-4 | UN |
| 4 1/4-6 OR 4.250-6 | UN |
| 4 1/4-10 OR 4.250-10 | UNS |
| 4 1/4-12 OR 4.250-12 | UN |
| 4 1/4-14 OR 4.250-14 | UNS |
| 4 1/4-16 OR 4.250-16 | UN |
| 4 3/8-6 OR 4.375-6 | UN |
| 4 3/8-12 OR 4.375-12 | UN |
| 4 3/8-16 OR 4.375-16 | UN |
| 4 1/2-4 OR 4.500-4 | UN |
| 4 1/2-6 OR 4.500-6 | UN |
| 4 1/2-10 OR 4.500-10 | UNS |
| 4 1/2-12 OR 4.500-12 | UN |
| 4 1/2-14 OR 4.500-14 | UNS |
| 4 1/2-16 OR 4.500-16 | UN |
| 4 5/8-6 OR 4.625-6 | UN |
| 4 5/8-12 OR 4.625-12 | UN |
| 4 5/8-16 OR 4.625-16 | UN |
| 4 3/4-4 OR 4.750-4 | UN |
| 4 3/4-6 OR 4.750-6 | UN |
| 4 3/4-10 OR 4.750-10 | UNS |
| 4 3/4-12 OR 4.750-12 | UN |
| 4 3/4-14 OR 4.750-14 | UNS |
| 4 3/4-16 OR 4.750-16 | UN |
| 4 7/8-6 OR 4.875-6 | UN |
| 4 7/8-12 OR 4.875-12 | UN |
| 4 7/8-16 OR 4.875-16 | UN |
| 5-4 OR 5.000-4 | UN |
| 5-8 OR 5.000-8 | UN |
| 5-10 OR 5.000-10 | UNS |
| 5-12 OR 5.000-12 | UN |
| 5-14 OR 5.000-14 | UNS |
| 5-16 OR 5.000-16 | UN |
| 5 1/8-12 OR 5.125-12 | UN |
| 5 1/8-16 OR 5.125-16 | UN |
| 5 1/4-4 OR 5.250-4 | UN |

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| | |
|----------------------|-----|
| 5 1/4-10 OR 5.250-10 | UNS |
| 5 1/4-12 OR 5.250-12 | UN |
| 5 1/4-14 OR 5.250-14 | UNS |
| 5 1/4-16 OR 5.250-16 | UN |
| 5 3/8-12 OR 5.375-12 | UN |
| 5 3/8-16 OR 5.375-16 | UN |
| 5 1/2-4 OR 5.500-4 | UN |
| 5 1/2-10 OR 5.500-10 | UNS |
| 5 1/2-12 OR 5.500-12 | UN |
| 5 1/2-14 OR 5.500-14 | UNS |
| 5 1/2-16 OR 5.500-16 | UN |
| 5 5/8-12 OR 5.625-12 | UN |
| 5 3/4-4 OR 5.750-4 | UN |
| 5 5/8-16 OR 5.625-16 | UN |
| 5 3/4-4 OR 5.750-4 | UN |
| 5 3/4-10 OR 5.750-10 | UNS |
| 5 3/4-12 OR 5.750-12 | UN |
| 5 3/4-14 OR 5.750-14 | UNS |
| 5 3/4-16 OR 5.750-16 | UN |
| 5 7/8-12 OR 5.875-12 | UN |
| 5 7/8-16 OR 5.875-16 | UN |
| 6-4 OR 6.000-4 | UN |
| 6-10 OR 6.000-10 | UNS |
| 6-12 OR 6.000-12 | UN |
| 6-14 OR 6.000-14 | UNS |
| 6-16 OR 6.000-16 | UN |

FIIG Change List

FIIG Change List, Effective February 5, 2010

Deleted SAC coding from FIIG.

Deleted all reference to changing Mode Code to K from FIIG.

Updated Reply Instructions for MRC NAME.

Deleted Reply Code A - ANY ACCEPTABLE from MRC ANMP and Appendix A, Table 2.